



Project Controls EXPO

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Key Features/Attractions



Partner Showcase & Job Fair
@ Highbury Suite



Awards Night
@ Woolwich Suite



Masterclass Zone
@ Royal Oak Suite



Technology Zone
@ Champions Suite



Case Studies Zone
@ Dial Square Suite



Megaprojects Zone
@ Woolwich Suite



Social Project Zone
@ M Club



SME Panel
@ Emirates Lounge



Location

Emirates Arsenal Stadium/ Football Club, 75 Drayton Park, London N77DD

Highbury entrance: Exhibitors, sponsors and speakers

Woolwich entrance: all delegates and guests

Social media and Web access

We are pleased to offer free Wi-Fi to our delegates: **Network: Events** | **Password: ProjCon123**

Spread the word on event and/or share your experience -



@ProjConExpo
#ProjConExpo



<https://www.facebook.com/ProjectControlsExpo/>



<https://www.linkedin.com/company/10344998/>

Meals and Beverages

Expo 2018 offers complimentary all day beverages, buffet lunch and “evening social” (includes beer, wine and soft drinks) to all delegates.

Lunch includes following:

Steak sandwich sundried tomatoes, wholegrain mustard mayonnaise on ciabatta
Bourbon glazed chicken skewer, Beer battered cod goujons
Spinach and mushroom risotto balls with a pumpkin puree (v)
Sweetcorn fritter with creole dipping sauce (v)
Homemade lightly spiced potato wedges

Salad Station:

Cos lettuce; cherry tomatoes; cucumber; garlic croutons; olives; julienne carrots; beetroot; red onion

Selection of dressings:

olive oil, balsamic vinegar and Caesar dressings

Desserts:

Chocolate and peanut butter tart, Fruit Skewers

Expo 2018 also offers all day beverages, buffet lunch and “evening social” (includes beer, wine and soft drinks) to all delegates. Industries represented – oil & gas, construction, rail, infrastructure, defense, nuclear and government to name a few.

Overall Expo Layout (Bird's eye view)



- Speakers and Sponsors Registration
- Delegates Entrance
- Partner Showcase & Main Networking Zone @ Highbury Suite
- MasterclassZone @ Royal Oak Suite
- Case Studies Zone @ Dial Square Suite
- Technology Zone @ Champions Suite
- SME Zone @ Emirates Lounge
- Megaprojects Zone @ Woolwich Suite
- Social Projects Zone @ M Club
- Networking Cafe @ Legends
- Networking Cafe @ 49ers Suite

- Quiet Zones are located at "Galleries" of Royal Oak Suite and Dial Square Suite.
- ☑ Cloak room
- Partners Lounge (Access is by invitation only)
- Speakers Lounge

Quiet Zones

Quiet Zones offers you peaceful areas with comfortable seating. Please keep your phones “switched off” or in “silent mode” to ensure you don’t disturb others. You can also access/view all the presentations from Quiet Zones if you wish to do so.

Please note: Considering the size of the event, Expo is spread across entire stadium so please make yourself fully aware of all the zones and plan your sessions accordingly. There is plenty of seating capacity (circa 250) in each zone to ensure you don’t miss any presentation if you get late due to travelling between various zones.

Social

Join us in the evening for a complimentary drink at our networking social.

To ensure delegates have least problems with navigation, there is significant signage at venue and in addition to that we have our crew/stewards who can help you move across the stadium efficiently.

And Relax!

After an intense day of learning come and join organisers, delegates and leading Project Controls Expo Partners for some uninterrupted networking, re-acquaint yourself with old friends and make new contacts whilst enjoying a few drinks.



Event snapshot and Layout

Five parallel tracks showcasing 35 educational presentations and case studies in addition to Partner Showcase and Job Fair

Awards Dinner & Celebration

In 2018 our EXPO dinner will take place on the evening before EXPO on **13th November from 1800-2230**. This will incorporate our first Project Controls Awards ceremony in the Woolwich suite at Emirates Arsenal. This is an exciting new feature of EXPO for 2018 which will also have staged event and entertainment.

@ **Woolwich Suite**

Partner Showcase & Job Fair

Up to 42 Partners showcasing a range of cutting edge products, technologies and services for Project Controls. We are delivering new partners in addition to our long standing partners who support us each year. We have several employers presenting exciting global Project Controls opportunities.

@ **Highbury Suite**

Masterclass Zone

This is a fantastic opportunity to come along to the Masterclass Zone to study and discuss the theory and practice of Project Controls. Our leading Project Controls professionals, from around the world, with extensive experience, will provide educational presentations to build your knowledge.

@ **Royal Oak Suite**

Case Studies Zone

"Real World" problems and issues are what brings the application of Project Controls alive. This case study zone enables you to discuss the application of Project Controls in addressing the problems with top industry speakers with extensive global experience. An opportunity to learn and share knowledge with others.

@ **Dial Square Suite**

Technology Zone

Presenting seven in depth sessions of 45 minutes each where our technology partners will demonstrate the functionality and capabilities of their innovative products. The partners will provide industry case studies and some will be represented by their clients from industry.

@ **Champions Suite**

Megaprojects Zone

Megaprojects are projects with budgets over >£1B. These temporary endeavours are characterized by large investment commitment, vast complexity and have the potential to make a long-lasting impact on the economy, environment and society. You will discover how to ensure governance over these initiatives and protect the investments.

@ **Woolwich Suite**

Social Project Zone

Social impact projects can have budgets ranging upwards to billions of pounds over a government spending review period (3-4 years). Starting a dialogue to apply industry methodologies to these "social engineering" projects will provide better value for tax payers and deliver more successful outcomes. There will be seven in-depth 45 minute sessions.

@ **M Club**

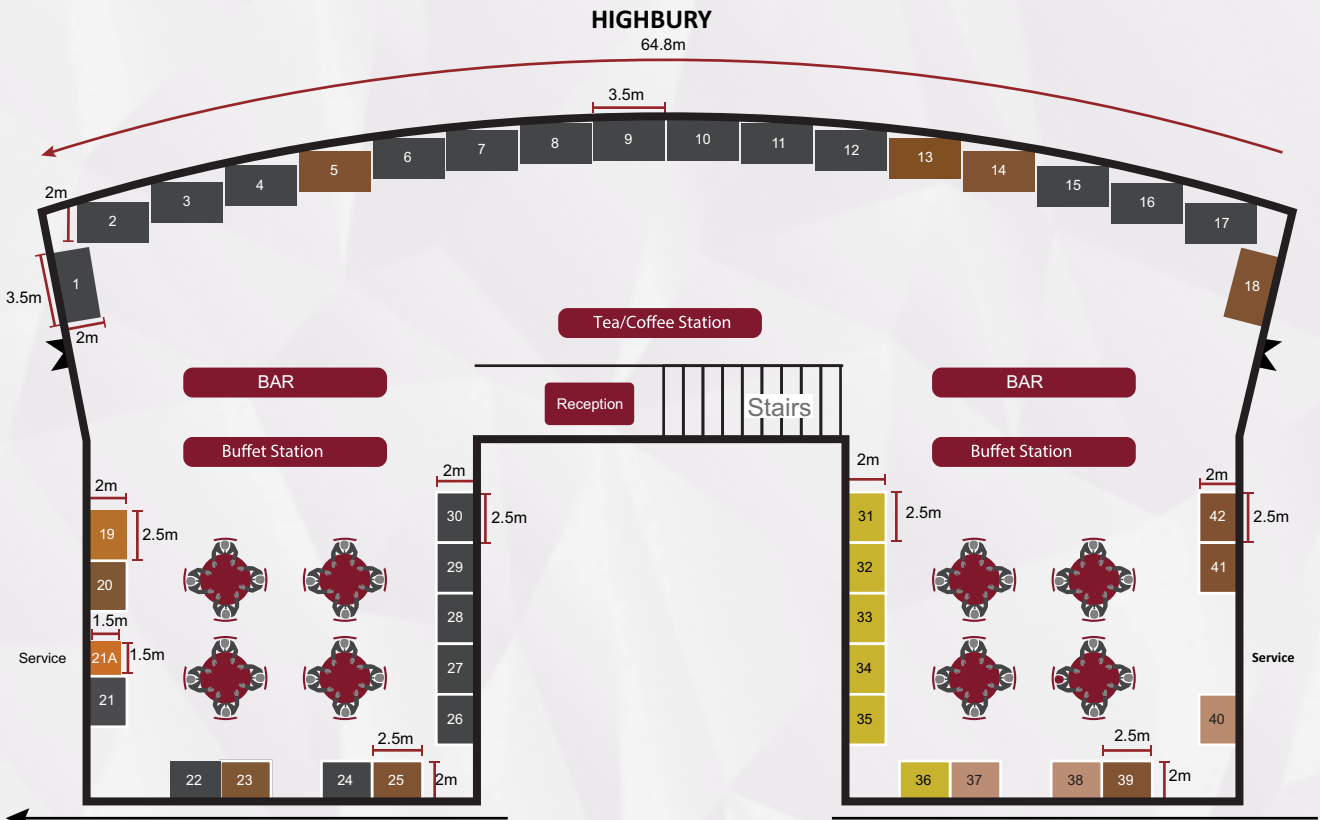
SME Panel

Meet our Subject Matter Experts (SME) in Program Management, Earned Value, Cost Engineering, Risk and Forensics for 1:1 sessions of 30 min each for discussing your specific cases/queries in details. Delegates to register at event reception desk on arrival.

@ **Emirates Lounge**

Partners' Showcase

Project Controls Expo is exhibiting its Partner Showcase at Highbury Suite



TO CHAMPIONS SUITE AND DIAL SQUARE

TO ROYAL OAK & 49ERS

- Technology Services Partners
- Education, Training and Professional Bodies
- Industry Partners

- Jobzone/Recruitment Partners
- Consulting & Advisory Services Partners
- Networking Area

Technology Services Partners	Stand			Consulting & Advisory Services Partners	Stand
Cost Engineering BV	01	Cora System	27	Wood Group	05
CEMAR	02	Causeway	28	Projcon Group/Ontrack PM	13
Seavus	03	nPlan	29	Mott MacDonald	14
ARES Prism	04	Projection Group/Scenario	30	LogiKal Projects	18
Industry Partners		Stand		BMT	20
Promineo	06	AWE	37	InEight	23
Safran	07	Ministry of Defence	38	Arcadis	25
Loadspring	08	HS2	40	QinetiQ	39
Education, Training and Professional Bodies		Stand		PWC	41
RPC UK	09 & 10	PCI & LMC	31	Costain	42
Oracle	11 & 12	ECITB	32		
Hexagon	15	ACostE	33		
Planisware	16	APM	34		
Elecosoft	17	AACE	35		
GMH Planning	21	Major Projects Association	36		
NinthWave	22				
Risk Decisions	24				
Critigen	26				
				JobZone/Recruitment Partners	Stand
				TRS Staffing	19
				Technology Resourcing	21A

Agenda Snapshot

AWARDS NIGHT & DINNER on 13th November

Arrival and drinks 1800-1900hrs | Awards ceremony: 1900-2000hrs.

Networking dinner: 2000-2130 hrs. |After dinner cash bar: 2130-2200hrs. |Event end: Approx. 2200hrs.

MAIN CONFERENCE DAY on 14th November

Time	Masterclass Zone @ Royal Oak Suite	Technology Zone @ Champions Suite	Case Studies Zone @ Dial Square Suite	Social Projects Zone @ M Club	Megaprojects Zone @ Woolwich Club
0800 - 0900	Registration, Coffee and light breakfast @ Highbury Suite (Partner Showcase Zone)				
0855 - 0900	Opening Remark by Steve Wake-Former Chairman for APM				
0900 - 0930	Keynote topic: Effective Project Controls and the DE&S Journey		Keynote speaker: Tony Chisnall, Director of General Programs, DE&S MoD, Bristol, UK		
0940 - 1025	Session M1: The Ten Tenets of Major Project Initiation Speaker: Professor Denise Bower - Executive Director for Major Projects Association,UK	Session T1: The impacts of Digital on Supply chain Governance across the Asset Lifecycle Speaker: Geoff Roberts - Industry Strategy Director for Oracle Construction and Engineering, UK	Session C1: 21st Century Battle of Waterloo Speaker: Maryna Losieva - Risk Manager for Mott MacDonald, UK	Session S1: Project Controls in a Policy Environment Speaker: Andrew McNeill - Portfolio Director, Building Safety Portfolio for MHCLG, UK	Session P1: Supporting organisational change through successful development and integration of Controls and PMO functions Speaker: Christine McLean - Head of Profession Project Control-Nuclear for Wood Group, UK Richard Dealhoy - Project Controls Director - Programme & Project Solutions for Wood Plc, UK
1025 - 1040					
1045 - 1130	Session M2: Standing up a project controls within DE&S - a Land Domain Perspective Speaker: Mark Bunyan - Functional Manager Project Controls for Land Domain for MoD, Bristol, UK	Session T2: Maximising the success of your capital projects through integer programming models Speaker: Michael Goggin - Director for Enstoa, North Carolina Area, USA Michael Matošin - Analyst for Enstoa, New York, USA	Session C2: Complex Project Analytics CPA- (Helping clients gain insight and advanced control from their project data. Speaker: Alan Lavery - Chartered Civil Engineer for PwC, UK	Session S2: Delivering Social Change through a Project and Programme Management Approach: The Youth Justice Reform Programme Speaker: Clare Toogood - Director at Youth Justice, UK	Session P2: International Airports: Avoiding and Mitigating Delays Speaker: Alan Whaley, Director - Forensic Delay Analysis at Arcadis, London, UK
1145 - 1230	Session M3: How risky is your project ? And what are you doing about it ? Speaker: Dr. David Hillson The Risk Doctor	Session T3: How to plan and build a ship. Speaker: Richard Wood - CEO for Safran Software Solutions, UK	Session C3: Are triangles the future? Speaker: Ben Fry - Principal Risk Consultant for QinetiQ, Bristol, UK	Session S3: Department of Work & Pensions Exiting a 20 Year PFI Speaker: Simon Johnson - Strategy & Planning lead , DWP Estates, UK	Session P3: A Baseline to Drive A Vision Speaker: Patricia Manton-Hall - Director of Project Controls Phase 2 for HS2, London, UK Gordon Alexander - Director of PMO for HS2, London, United Kingdom
1200 - 1230	Lunch Break (for Exhibitors ONLY) @ Highbury			"Lunch Break 1230 - 1310 (for delegates ONLY, Restricted to "Social Projects Zone" and "Megaprojects Zone) @ WM Club	
1230 - 1310	Lunch Break (for delegates ONLY) @ Highbury and 49ers				
1315 - 1400	Session M4: Why use a systems approach to project controls? Speaker: Chris Mills, Principal Consultant for BMT, UK	Session T4: 5 Pillars of Project Controls: WBS, Estimation, Schedule, Cost, Change Speaker: Andrew Langridge - Director of Business Development for Europe for ARES Prism, UK	Session C4: Integrating BIM, Programme Controls and Big Data: Benefits, Key Success Factors and Industry Trends Speaker: Iain Cameron - Chartered Engineer for LogiKal Projects, UK	Session S4: What do transformation projects have in common: lessons from wildly different sectors Speaker: Rebecca Lawrence - CEO for MOPAC, UK	Session P4: The Challenges of establishing a PMO for Highways England's Regional Investment Programme Speaker: Stewart Jones - PMO Director - Regional Investment Programme for Highways England, UK
1410 - 1455	Session M5: ISO/FDIS 21508 Earned value management in project and programme management Speaker: Sean T. Regan - Technical Director for Project Controls Institute	Session T5: Enhancing Predictability with EcoSys to Achieve World-Class Projects Performance Speaker: Martin Van Vliet - Vice President Business Development EcoSys Europe for Hexagon PPM, Amsterdam Area, Netherlands	Session C5: Harness EVM to help Deliver the Future Speaker: David Hurren - Technical Services Director for RPCuk	Session S5: How digital strategies are driving radical, root and branch social transformation across government. Speaker: Richard Matthews, Programme Director - Technology Transformation Programme and Digital Prisons at MoJ, UK	Session P5: Facilitating the Dutch energy transition through a controlled program approach Speaker: Roel Cornelisse - Financial Project Lead for TenneT, Nijmegen Area, Netherlands
1455 - 1510	Afternoon Coffee Break @ Highbury and 49ers			Afternoon Coffee Break @ WM Club	
1515 - 1555	Session M6: NEC4: how changes from NEC3 will impact procurement, project and commercial management of projects Speaker: Neil Earnshaw - Director for NE Consult, UK	Session T6: Improving Batelle Project Controls with Planisware: People, Processes and Tools Speaker: Todd Hitt - Senior Project & Program Manager for Battelle, Columbus, Ohio Area	Session C6: The ABC of a Change programme Speaker: Peter Mill - Head of Portfolio, Programme and Project Management Services for Costain, UK Ken Cartledge, Project Control Lead - Submarine Programmes Project Manager, Rolls Royce plc.	Session S6 and S7 : DEBATE Speaker: Frank Devoy - Director for Building Change Limited, UKCedi Frederick - Managing Director for Article Consulting Ltd Ruchi Singh - Director of Kaleidoscope Transformation Lizzie Peters - Collaboration Lead for MOPAC, UK	Session P6: PMO as a vehicle for strategic outcomes Speaker: Chris Anstead - Director - Programme Advisory Lead UK for Turner & Townsend, UK
1600 - 1645	Session M7: The integration of Project Controls into the Finance Function Speaker: Mark Galbraith, Business Controller at AWE, UK	Session T7: Making a case for digitalization of the project staffing process Speaker: Leif Arild Åsheim - CEO for Promineo, Stavanger Area, Norway	Session C7: Digitalisation and Project Controls - A Claims and Disputes Perspective Speaker: Charlie Woodley, Director at HKA, UK		Session P7: Advanced Data Analytics for MegaProjects Speaker: Martin Paver - CEO for Projecting Success Ltd, UK
1655 - 1730	Panel discussion and Audience Q&A @ Royal Oak Suite : Project Controls current maturity and path forward		Speakers : Richard Dealhoy - Project Controls Director – Programme & Project Solutions for Wood Plc Sarah Schutte - Managing Director at Schutte Consulting Limited, UK Saurabh Bhandari - Technical Director - Project Controls & PMO for Mott MacDonald		
1730 - 1845	Evening Social @ Highbury Suite *offering final opportunity to network with pint of beer, wine and soft drinks. Open to ALL.				
1805 - 1845	"Stadium tour" for pre-registered delegates.				

Partners



Sponsorship Level - Supported By

AAACE International (Association for the Advancement of Cost Engineering) has 8,500 members in 100 countries, and has been serving the total cost management community since 1956. We are committed to the constructive exchange of ideas between members, development of technical guidance and quality education and recognition of subject matter experts. Our members work in a variety of disciplines and across all industries.

Members get free access to digital editions of AAACE's TCM Framework® (Total Cost Management Framework®).

Total Cost Management Framework® : An Integrated Approach to Portfolio, Program, and Process Management, 2nd Edition and the Recommended Practices (RPs) which are a series of documents that contain valuable reference information that has been subject to a rigorous review process and recommended for use by AAACE's Technical Board. Our members read the best in technical articles published in Cost Engineering journal or Source magazine. Our members also have free access to search over 5,500 of technical articles in AAACE's Virtual Library and they can also network with other professionals at the Annual Meeting, at local section events, or virtually within the AAACE Communities.

For over 40 years AAACE has been certifying individuals. AAACE offers the following certifications: Certified Cost Professional (CCP), Certified Cost Technician (CCT), Certified Estimating Professional (CEP), Certified Forensic Claims Consultant (CFCC), Earned Value Professional (EVP), Decision and Risk Management Professional (DRMP), Certified Scheduling Technician (CST) and Planning & Scheduling Professional (PSP). AAACE's CCP, CCT, CEP, EVP, and PSP certifications are independently accredited by the Council of Engineering and Scientific Specialty Boards.

Website : <https://aaceregion9.org/english-1>



Sponsorship Level - Supported By

The Association of Cost Engineers was formed in 1960, in London, as the British Group of the American Association of Cost Engineers. In 1962 an independent British Association of Cost Engineers was formally and legally incorporated having similar aims and objectives to AAACE. Since then ACostE has developed into an organisation which provides a range of institutional services for its members. It promotes the technical study and development of cost engineering with the objective of furthering the application of scientific principles and techniques to problems of Project and Produce Control, Cost Estimating, Scheduling, Planning, Risk Analysis, Profitability, Investment Appraisal and allied topics.

Objectives of ACostE

- To promote Cost Engineering as a recognised discipline of engineering technology
- To provide means of developing, exchanging and disseminating standards, methods and data relating to Cost Engineering & Project Controls
- To provide recognised standards of attainment in the practise of Cost Engineering & Project Controls
- To set up and maintain proper standards of professional conduct and ethics of its members in the practice of Cost Engineering
- To hold, promote or support meetings and distribute literature and information in pursuit of its objectives
- To co-operate with other bodies in the UK and elsewhere having objects cognate with those of the Association and to liaise with other similar bodies for the purpose of the reciprocal exchange of information
- To encourage social activities among members

Website : <http://www.acoste.org.uk/>



Sponsorship Level - Bronze Sponsor

Adept Management Ltd is a project services consultancy and technology company, with core expertise in both project controls and management of complex processes across a range of sectors and project types. Drawing on our global reach and our own toolset, we link business case to implementation, driving performance by the hands-on application of best practice planning, control and management techniques.

We are industry leaders in the development and deployment of skills and techniques focussed on providing optimisation, transparency and assurance to complex pre-construction processes. We have an innovative toolset dedicated to combining

the requirements of project control with the proactive management of project teams.

For over 15 years, we have applied our highly disciplined approaches to a wide range of project types at all project stages. Our extensive knowledge of different sectors, along with our methodical approaches, gives our customers the ability to manage their projects in the most effective way.

Our services have been provided across a range of projects from small refurbishments to some of the largest and most complex building and infrastructure programmes across the globe, including; Crossrail, Tideway, Karolinska University Hospital, European Spallation Source, Battersea Power Station Development, La Guardia Airport and the LAX Automated People Mover.

As leaders, we are also engaged in training the next generation of professionals, teaching at a number of both UK and International institutions and providing dedicated training on professional development schemes.

Website : <http://www.adeptmanagement.com/>



Sponsorship Level - Supported By

The Association for Project Management (APM) is the largest professional body of its kind in Europe with over 21k individual and 500 corporate members, with a compelling vision for the profession which reflects what society expects: A world in which all projects succeed. APM's mission statement is: "To provide leadership to the movement of committed organisations and individuals who share our passion for improving project outcomes". We are committed to developing and promoting professional project, programme and portfolio management across all sectors of industry through raising awareness and standards in the profession. The APM offers membership, qualifications, events, publications and much more.

Website : <https://www.apm.org.uk/>



Sponsorship Level - Gold Sponsor

Arcadis is the leading global Design & Consultancy firm for natural and built assets. Applying its deep market sector insights and collective design, consultancy, engineering, project and management services it works in partnership with clients to deliver exceptional and sustainable outcomes throughout the lifecycle of their natural and built assets. Arcadis has 27,000 people, active in over 70 countries that generate €3.2 billion in revenues. Arcadis supports UN-Habitat with knowledge and expertise to improve the quality of life in rapidly growing cities around the world.

Website : <https://www.arcadis.com/>



Sponsorship Level - Gold Sponsor

ARES PRISM is an enterprise project controls software that manages the complete project lifecycle delivering dependable forecasts, cost control, and performance measurement. Organizations around the world rely on PRISM to manage projects, programs and portfolios of growing size and complexity in a variety of industries; including infrastructure, engineering & construction, oil & gas, mining, utilities and aerospace. PRISM is a scalable, robust and intuitive system that harnesses industry best practices and integrates all aspects of the project, including cost and schedule, change management, estimating, earned value, contracts & procurement, and field progressing. Business intelligence reports and dashboards provide organizations with the transparency required to pinpoint potential problems and make strategic decisions. As an out-of-the-box solution, PRISM delivers benefits quickly with a fast implementation and knowledgeable team of experts dedicated to client success. Achieve superior project management with increased visibility and control, boosted accuracy and efficiency, and improved financial performance.

Website : <https://www.aresprism.com/>



Sponsorship Level - Gold Sponsor

For more than 60 years, AWE has supported national security by delivering warheads for the UK's strategic nuclear deterrent. We are a team of remarkable people achieving extraordinary things. We are a unique organisation where scientists, engineers and business professionals from all kinds of backgrounds in all kinds of roles work together to deliver our mission and keep our world safe and secure. As well as providing and maintaining nuclear warheads, we also support UK government by developing innovative solutions to combat nuclear threat.

With some of the most advanced research and production facilities in the world, AWE is a place where you can grow your knowledge with extraordinary challenges, unparalleled responsibility and unique technology.

The work we do makes a real difference, nationally and locally. It is vitally important work that we're proud to carry out.

Website : <http://www.awe.co.uk/careers/>



Sponsorship Level - Bronze Sponsor

Baker Hughes, a GE company (NYSE:BHGE) is the world's first and only fullstream provider of integrated oilfield products, services and digital solutions. Drawing on a storied heritage of invention, BHGE harnesses the passion and experience of its people to enhance productivity across the oil and gas value chain. BHGE helps its customers acquire, transport and refine hydrocarbons more efficiently, productively and safely, with a smaller environmental footprint and at lower cost per barrel. Backed by the digital industrial strength of GE, the company deploys minds, machines and the cloud to break down silos and reduce waste and risk, applying breakthroughs from other industries to advance its own. With operations in over 120 countries, the company's global scale, local know-how and commitment to service infuse over a century of experience with the spirit of a startup - inventing smarter ways to bring energy to the world.

Website : <https://www.bhge.com/>



Sponsorship Level - Gold Sponsor

BMT provides independent technical expertise and consultancy. We offer design solutions, asset management, programme management and technology services to customers in the defence, security, transport, energy and infrastructure markets. Our team thrive on tackling the most complex engineering and programme challenges, and are adept at blending capabilities from the entire spectrum of engineering disciplines to deliver enduring and value-adding solutions.

Website : <https://www.bmt.org/>



Sponsorship Level - Gold Sponsor

Causeway solutions optimise construction and maintenance operations to support over 2000 companies in 36 countries.

Since 1999, many of the UK's largest construction companies have worked with Causeway to manage and control major projects throughout the world, keeping them on-time and within budget.

As the construction standard for project cost and commercial management, Causeway Project Accounting (CPA) transforms project performance and profitability by enhancing the timeliness, visibility and accuracy of project cost value data.

CPA integrates the estimating and financial disciplines within businesses to provide detailed project analytics that enable the accurate and efficient management of budget, costs, change and value in real-time.

The solution is used on a variety of civil engineering, mechanical and electrical, interior fit-out and general construction projects across the world, delivering commercial and cost management reporting on some of the largest value construction projects ever undertaken.

Website : <https://www.causeway.com/>



Sponsorship Level - Silver Sponsor

Keep it simple with CEMAR®, the cloud-based contract management solution for NEC® and other forms.

Modern contracts are complex and expensive to administer. CEMAR combines industry-leading knowledge and expertise to make sophisticated contract management simple.

CEMAR is a secure, intuitive, web-based system which brings compliance, consistency, governance and business intelligence to the management of £75bn of works and services.

Website : <https://cemar.co.uk/>



Sponsorship Level - Silver Sponsor

Cleopatra Enterprise offers an integrated Project Cost Management solution through the entire project life cycle by including Cost Estimating, Scheduling, Cost Management, and Benchmarking in one system.

Using the state of the art technology, Cleopatra serves the process industry and is used by Owners, Contractors and EPC firms.

Over 20 years, Cleopatra has enabled more than 500 industry-leading companies in 75 countries to control large technical projects, improve their project performance and stay ahead of the competition.

Website : <http://www.costmanagement.eu>



Sponsorship Level - Gold Sponsor

Costain's purpose is to improve people's lives by deploying technology-based engineering solutions to meet urgent national needs across the UK's energy, water and transportation infrastructures. Our Engineering Tomorrow strategy is about identifying, developing and implementing innovative solutions to meet the UK's future network and infrastructure needs. Listed on the UK stock exchange and recognised as one of the UK's leading engineering solutions providers, Costain provides a broad range of innovative services across the whole lifecycle of our customers' assets. With more than 4,500 staff delivering a full-service offering from consultancy services through to complex delivery, we are working as a trusted advisor with industry to collaborate, innovate and attract new talent.

Website : <https://www.costain.com/>



Sponsorship Level - Silver Sponsor

Cora Systems is a worldwide leader in providing enterprise project and portfolio management solutions to global organizations and government agencies. Our flagship product, Cora PPM, powers transformation by aligning strategy and managing projects, portfolios and programs effectively. It is proven to help our clients deliver key business benefits and ROI.

Every day, over €15 billion worth of projects are managed on Cora PPM, supporting hundreds of thousands of users across multiple locations in over 50 countries around the globe.

Cora PPM enables clients to make decisions quickly and effectively by having the right information in hand, which enables managers to make good decisions. If staff can have good quality information, delivered in a simple and straightforward way, which is more inviting, they'll become more engaged in project management issues - in leading these projects and improvements.

To ensure delivery success and accelerate speed to market, Life Sciences, Healthcare, Engineering, Government and EPPO organisations need a PPM software solution like Cora PPM that provides complete control, governance and insight.

Website : <https://corasystems.com/>



Sponsorship Level - Silver Sponsor

Bringing together multi-billion-pound programme management experience, project management software integration skill and IT infrastructure capabilities, Critigen's EPPM consultants help your team develop efficient, integrated and reliable workflows and systems to ensure your project's success.

- Our experienced project and programme management system consultants focus on success by providing solutions that drive predictable project results and remove uncertainty.
- Programme control IT consultancy ensures you have the most stable, secure and performant environment for your project controls applications; whether this is on-premise, on a cloud, externally hosted or a hybrid of all.
- Being vendor agnostic and working with all the major products in the Project Controls space means we identify the best technologies, vendors and solutions to meet your specific needs.
- We work with owners, clients, consultancies and contractors and bring them together onto common platforms to collaborate and create efficiencies.

- Our bespoke training packages are customised to your environment, processes and ways of working to ensure best adopt Critigen's innovative solutions and track record of successful delivery underpins some of the largest and most complex programmes in the UK. Come and speak to us about how we could help you

Website : <http://www.critigen.com/>



Sponsorship Level - Supported By and Awards Sponsor

Training Today, The Engineers of The Future

The Engineering Construction Industry Training Board (ECITB) is the statutory organisation, national training provider and awarding body with responsibility for the training and development of the UK's engineering construction workforce. Acting on behalf of the industry, the ECITB works closely with Government and employers to attract, develop and qualify engineering construction personnel in hundreds of skills and disciplines. We provide businesses with the means to train the engineers of today and tomorrow to the highest standards, via our extensive, regionally-based network of almost 200 specialist ECITB- accredited course providers.

Website : <https://www.ecitb.org.uk/>



Sponsorship Level - Silver Sponsor

Elecosoft provides a range of software solutions focusing on the architectural, engineering, construction and property management industries which help users with challenges ranging from interiors visualisation through architectural design and stair engineering, to project and site management and cost estimation, and more. The company's core application, Powerproject, is a powerful, project, portfolio and resource management solution designed to support the way construction planners work. Since it launched in 1988, the software has evolved with users' input so that it specifically meets the needs of the industry. Used by large and small businesses alike, it is the preferred software of construction professionals throughout the world for managing projects as it combines easy to use drag and drop functionality with powerful feature rich capability. Powerproject has been used on construction projects around the world, including The Shard in London, First Direct Arena in Leeds, Warsaw Metro in Poland and the Bosphorous Bridge that links Europe to Asia.

Available in stand-alone, enterprise and cloud versions, Powerproject includes an integrated BIM module which brings 4D planning within affordable reach by combining 3D planning and scheduling in one application. Powerproject BIM can combine with Elecosoft's costing tool, Bidcon, to deliver a full 5D BIM solution to drive greater collaboration and efficiency benefits.

Website : <https://www.elecosoft.com>



Sponsorship Level - Silver Sponsor

GMH Planning are specialists in NEC forms of contract and provide training, consultancy and resources into organisations who are using NEC3 or the recently launched NEC4 forms of contract. As recognised industry experts, we provide engaging training workshops to the whole of the industry using NEC3/NEC4 contracts. With well over 150 existing repeat clients, sessions focus on the key aspects of the contract and providing practical tips on how they can be administered to the benefit of all parties. Run as public or in-house sessions, these training courses will provide significant benefit to attendees and should avoid some of the problems from happening that may otherwise occur. We also provide consultancy to review projects or contract Z clauses and provide reports to try to improve or avoid these issues from being a problem in the first place.

GMH Planning also can provide resources in the form of planners, project managers and commercial staff to help bolster your team on a short/long term basis as part me/full me support. All such resources are experts in their field and very strong in terms of their understanding of NEC contracts.

This year we have also been an integral part in developing FastDraft which is a cloud-based system for managing the flow of NEC contracts on your project. We believe we have produced the most user friendly and practical system now available to keep your project both contractually and practically running well in line with the contract. Come and visit our stand or our website for more details on this exciting new product to book a demo.

Website : <http://www.gmhplanning.co.uk>



Sponsorship Level - Bronze Sponsor

Harvey Milton (HM) is a London based management consulting firm committed to helping clients achieve immediate impact and growing advantage on their most mission-critical issues in complex infrastructure project management and control by applying the latest technologies.

Our work provides clear benefits to the organizations we work with in both the short and long term. HM strength is its ability to bring together the right level of expertise and knowhow to solve today's complex client's issues. This is achieved through creation of a collaborative hub of world class technical, financial and consulting experts to target and solve client's issues. HM current focus is to develop and provide the most innovative solutions based on Industry 4.0 and smart manufacturing for our clients which includes our new "Realtime Impact Visualisation" and "Capital Project Effective Control" systems powered by Artificial Intelligence.

Website : <https://www.harveymilton.com/>



Sponsorship Level - Gold Sponsor

Designed to ease the burden of managing the portfolio of opportunities and projects, EcoSys is a world- class platform that captures all the data across your entire projects landscape, including systems for accounting, procurement, scheduling, timesheets and more.

Interactive screen layouts and a powerful business intelligence engine provide insight into all levels of every project.

EcoSys offers the flexibility and familiarity of Microsoft Excel combined with the power and accountability of an enterprise database application.

Website : <https://hexagonppm.com/ecosys>



Sponsorship Level - Bronze Sponsor

InnoLead Consulting is a consultancy and training firm with a focus on Project Management & Business Management Solutions. Based in Gaborone, Botswana, InnoLead Consulting has been helping organisations across varying industries and sectors in Southern Africa Execute for over sixteen years.

Website : <http://www.innolead.co.bw/>



Sponsorship Level - Silver Sponsor

InEight combines proven technology with a unified vision, delivering actionable insights and project certainty to more than 25,000 active users in more than 750 companies. Built on a history of construction and engineering excellence, InEight solutions help companies visualize, estimate, manage, control and connect all aspects of capital and maintenance projects. With configurable, integrated and field-tested solutions, InEight customers have the visibility and control required for on-budget and on-time project completion. Based in Scottsdale, Arizona, U.S., InEight is an ISO 9001:2015-registered company.

Website : <https://ineight.com/>



Sponsorship Level - Silver Sponsor

LoadSpring Solutions is the market leading provider of cloud-based project management software solutions that empower your business to innovate. We bring years of industry leading expertise to hosting, supporting and maintaining mega Projects and the applications you utilize that ensure customers get a positive ROI through optimized and proven secure access to software and its corresponding infrastructure. LoadSpring provides faster deployment and highly secured, reliable and scalable administration from one easy dashboard so customers accelerate time to market with mission-critical Projects.

Website : <http://www.loadspring.com/>



Sponsorship Level - Gold Sponsor

LogiKal is an award-winning consultancy that helps businesses achieve better results in the delivery of projects. Their expert advice and performance management solutions improve operational performance, reduce costs and mitigate risks. LogiKal enables effective decision making with their unique mix of specialised and proprietary systems and services integrating your project controls.

Founded in 2002, LogiKal has project management and controls specialists in the United Kingdom, Europe, Australia and Asia, all sharing LogiKal's vision for enhancing performance management on major capital programmes.

LogiKal offers a range of services including consulting and advisory, information management and operational support to help your project succeed. LogiKal also provides coaching, training and professional development services that build and enhance capability within teams so that they can maintain consistent and sustainable results.

Website : <http://www.logikalprojects.com/>



Sponsorship Level - Awards Sponsor

Mace is an international consultancy and construction business. It shapes the cities and communities of the future by connecting clients, communities, suppliers and partners.

It is proud of its culture to champion people, whether as individuals or teams. Its people constantly strive for better and always go that extra mile, inspiring each other and clients to innovate.

The company challenges convention, applies a "can do" attitude and is committed to quality and service excellence.

Mace employs an open and collaborative approach with partners. This gives a better perspective on how cost-effective and beneficial outcomes can be delivered for all stakeholders on every project, no matter how complex or challenging it is.

Everyone at Mace strives to find better ways to deliver for clients, communities and the construction industry. The company constantly challenges the status quo, and makes the seemingly impossible, possible, and will always do so.

Website : <https://www.macegroup.com/>



Sponsorship Level - Supported By

The Major Projects Association is a membership association for organisations engaged in the delivery and the development of major projects, programmes and portfolios. Our purpose is to improve the initiation and delivery of major projects through the interaction of members from all sectors in sharing experience, knowledge and ideas.

Website : <http://www.majorprojects.org/>



Sponsorship Level - Media Partners

Website : <http://www.businessandindustry.co.uk/project-management>



Sponsorship Level - Gold Sponsor

Part of the Ministry of Defence, but with bespoke trading entity status, Defence Equipment & Support (DE&S) is responsible for the procurement and ongoing support of equipment to Her Majesty's armed forces. With over 12,000 employees, working across 150 locations, we manage a huge range of complex acquisition and support programmes. From delivering aircraft carriers and fighter jets, to armoured vehicles and field kitchens, it's our job to ensure the UK's military have everything they need to do theirs.

Website : <https://des.mod.uk/>



Sponsorship Level - Gold Sponsor and Awards Sponsor

Mott MacDonald is a £1.5bn engineering, management and development consultancy. We're involved in:

- Solving some of the world's most urgent social, environmental and economic challenges.
- Helping governments and businesses plan, deliver and sustain their strategic goals.
- Responding to humanitarian and natural emergencies.
- Improving people's lives.

Website : <https://www.mottmac.com/>



Sponsorship Level - Silver Sponsor

Ninth Wave is a UK-based software and consultancy company, established in 1995, specialising in providing programme, project, resource and business process management products and services.

Our SmartCore solution is a proven web-based management support system. Our customers use SmartCore for a range of applications, including programme, portfolio, project, risk, resource, asset, cost, fault and document management. SmartCore is entirely configurable via the web browser to meet a wide range of organisational and individual management information needs. It provides a shared environment for thousands of users over the internet, integrates with a range of other applications, and offers powerful and flexible dashboards and reports. SmartCore provides a tried and tested solution that can rapidly be configured by business users to meet current and future requirements, delivered and supported by a skilled and experienced Ninth Wave team. SmartCore is hosted from Ninth Wave's own secure servers in the UK.

Website : <http://www.ninthwave.co.uk>



Sponsorship Level - Silver Sponsor

nPlan uses Artificial Intelligence to understand how projects are executed and uses that knowledge to provide schedule certainty, by highlighting project and portfolio risk, and suggesting optimal solution paths.

nPlan's patent pending series of complex algorithms understand project schedules and evolve to emulate the human brain with scale and accuracy. The algorithms generate an advanced contextual understanding of the performance of any project, achieved by analysing previous project plans and building relationships between them.

nPlan has grown incredibly quickly, scaling from an ambitious technical concept to partnerships with several of the world's largest EPCs and GCs, which has resulted in the largest dataset of construction schedules in the world. nPlan's system has been deployed on High Speed 2, the largest and most complex construction project the UK has done since the Victorian era.

The primary function of the algorithms is to predict the duration for scheduled activities. In addition, the system can perform machine-led reference class benchmarking, taking into account task and project context in a way that had not previously been possible.

By leveraging data to make informed project planning decisions, we are able to improve cost certainty, create a more predictable project and reduce slippage. This culminates in a higher quality project execution from tender right through to completion.

Website : <https://nplan.io/>



Sponsorship Level - Bronze Sponsor

OnTrack Engineering provides fully aligned project management solutions. We understand the industries we serve are constantly evolving, so we too are consistently pushing the envelope with innovation in design, functionality and ease of implementation of our products and services. Whether you choose to implement OntrackPM, or utilize our PMO consulting, project expertise and training services, we can enable your organization to increase its ability to effectively manage and execute capital projects more efficiently.

Website : <http://www.ontrackengineering.com/>



Sponsorship Level - Platinum Sponsor

Oracle Primavera, a wholly owned subsidiary of Oracle Corporation, is the leading worldwide provider of enterprise project portfolio management (PPM) solutions for project intensive industries. Primavera's PPM software helps companies propose, prioritize and select project investments and plan, manage and control the most complex projects and project portfolios.

Website : <https://www.oracle.com/index.html>



Sponsorship Level - Gold Sponsor and Awards Partner

Planisware is a leading project portfolio software provider specialising in New Product Development (NPD) - helping to strengthen and shape sound business strategies through analytics, road-maps, budgets, and more. Today, more than 33% of the top 100 R&D spenders worldwide utilise Planisware solutions at a corporate level to manage their projects, resources, and portfolios.

With acclaimed configurability that brings together teams from across the enterprise and across different locations, Planisware offers the opportunity to work collaboratively from a single source of truth to help get innovation to market.

Website : <https://www.planisware.com/>



Sponsorship Level - Supported By

- PMI UK is a professional project management membership organisation in the UK. PMI UK has over 3,500 members and was founded in 1995. It welcomes members from all facets of projects and from all industries.
- PMI UK is active in promoting project management to industry and government organisations.
- PMI is one of the world's largest not-for-profit membership associations for the project management profession. Its professional resources and research empower more than 700,000 members, credential holders and volunteers in nearly every country in the world to enhance their careers, improve their organisations' success and further mature the professional.
- PMI's worldwide advocacy for project management is reinforced by its globally recognized standards and certification program; extensive academic and market research programs; chapters and communities of practice and professional development opportunities.

Website : <http://projectmanagementinstitute.org.uk/>



Sponsorship Level - Silver Sponsor

Seavus is a software development and consulting company with a proven track-record in providing successful enterprise-wide business solutions. The company has over 700+ IT experts worldwide and more than 3,500 customers including more than half of the Fortune 500 companies.

Seavus is a globally authorized master distributor for the following Project Viewing applications:

Seavus Project Viewer is a cost-effective software solution for viewing Microsoft Project Plans. As the leading viewer for opening .mpp files, trusted by 6 million+ users, it offer variety of features for the people that don't have a need of a full Microsoft Project license.

Website : <https://www.seavusprojectviewer.com>

PrimaveraReader is a simple to use viewer for .XER project schedules exported from Oracle® Primavera P6. It's a standalone application that doesn't require an additional P6 license and offers greater control by providing each member with clear activity insights in a cost-effectiveness way.

Website : <https://www.primaverareader.com/>



Sponsorship Level - Gold Sponsor

We are an exclusive, niche and rapidly-growing Project Controls consultancy offering innovation, advice, implementation, technical and training support to our clients around the world. Through our consulting services, we facilitate the integrated global use of Project Controls technology, methods and practices in every sector and for every customer. Put simply, we are "one stop shop for all Project Controls needs"

As well as our consulting and advisory role, Projcon contributes to three interlinked initiatives: Project Controls Online (PCO) : Projcon is principle sponsor of PCO which acts as central hub and knowledge repository, open to all Project Controls professionals, providers and consumers. It is here that members from over 190 countries join to share expertise, network, find new career opportunities, and access industry-leading tools and guides.

Project Controls Institute (PCI) - : It is where we train the Project Controls leaders of tomorrow and support a global workforce of Project Controls professionals through every stage of their career. Via our blended-learning platform and multi-accreditation system, students can gain global qualifications, certification and real-world training.

Project Controls Expo (PCE) - Projcon is key supporter to PCE which brings our industry together for the world's largest Project Controls event: a full day showcase, workshop and social experience where delegates can learn, network, and gain access to some of Project Controls' leading innovators, partners and experts.

Website : <https://projcon-group.com/>



Sponsorship Level - Platinum Sponsor

PCI aims to offers blended learning program covering full spectrum of Project of Project Controls comprising all it base elements (Planning & Scheduling, Cost Engineering and Estimating, Change Management, Risk Management, Delay Claims and Forensic Schedule along with Contract Management) that leads to global accreditation. PCI's USP is its unique content, delivery (blended approach) and Framework which allows candidates to map their learning/education to global certifications (eg., AACEi, APM, ECITB and PMI). The Programme participants are expected to achieve an improved level of competency through self-learning along with Handbook available to all the delegates.

Website : <https://projectcontrolsinstitute.com/>



Sponsorship Level - Gold Sponsor

Promineo helps medium and large engineering organizations who want to deliver profitable projects by optimizing resource utilization and provide reliable forecasting of need and capacity for knowledge workers. Promineo customers typically experience a 5-10% improvement in resource utilization.

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Website : <https://www.promineo.com/>



Sponsorship Level - Gold Sponsor

PwC - Capital Project Services

The Capital Project Services (CPS) team is part of PwC, a global professional services firm. Our CPS team comprises a multi-disciplined range of qualified professionals (primarily consisting of engineers) with a wide range of capital projects and infrastructure related backgrounds.

Our team encompasses diverse skills and experience, united by our deep knowledge of major projects and capital portfolios - gained from working in industry - and a passion to see our clients' toughest projects succeed.

We believe that major projects can transform lives. But we also believe that delivering them successfully needs more than stock answers. It needs collective experience; a balance of rigour and intuition.

We're at our best when we're working closely with clients, challenging their thinking on the most complex and critical projects.

Our Intelligent Controls

When visibility of capital project performance is scarce, unreliable or conflicting, stakeholder confidence and trust can be

quickly lost. Programmes can derail and organisations can start to feel like passengers.

Our Controls capability uses a proven approach that puts organisations back in control of their major programmes. It is based on three key principles: establish control, restore confidence and enable decisions.

*Establish control: Getting a grasp of the programme, ensuring that your teams are focused on the right things and establishing the capability needed for success.

*Restore confidence: Providing stakeholders with the insight they need to restore confidence.

*Enable decisions: Enabling management to make effective, insight-driven decisions.

Our extensive experience in this area, combined with our digital capability, allows us to position project controls as an enabler to obtain strategic insights of programmes, to reduce costs of large portfolios and to underpin an effective deployment of capital.

Website : <https://www.pwc.com>



Sponsorship Level - Gold Sponsor

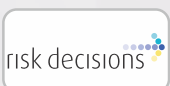
to listening, understanding and responding to our customers' needs. This enables us to use our depth of experience and our unique science and engineering expertise to equip them with powerful solutions to their most pressing challenges.

What we do - We offer our customers world-class expertise in advice, services (particularly test and evaluation) and innovative technology-based products. We deploy our scientific and technological knowledge, proven research capabilities and unique, purpose-built facilities to provide both services and products that meet the needs of a wide range of global customers. We operate primarily in the defence, security and aerospace markets and our customers are predominantly government organisations, including defence departments, as well as international customers in other targeted sectors.

Our People - QinetiQ is a company of over 6,000 people dedicated to being on the side of their customers. They are pragmatic and hugely experienced, looking always for enterprising, agile ways to create real benefit and added value. They are also natural collaborators, adept at making vital connections through forging industry partnerships and harnessing the best talents within the supply chain. It is these qualities, demonstrated every day by our employees, that mean QinetiQ can be trusted as a partner to enable, assure and protect our customers' interests.

Our Facilities - QinetiQ manages and operates extensive testing and evaluation capabilities for air, land, sea and target systems. We collaborate closely and responsively to give MOD, international and industry customers a competitive edge through the safe and secure conduct of operational and tactical training exercises that combine both real world and simulated events.

Website : <https://www.qinetiq.com/>



Sponsorship Level - Silver Sponsor

At Risk Decisions, we work with our customers to power growth and sustainability through risk management.

Our team of technical experts get the world you live in. We design the right risk strategies to transform risk to opportunity and drive your business's goals. It's why our customer community collaborates with us to help release their potential, create new growth pathways and connect their people's engagement with risk at all levels.

We understand your risk challenges. We care about shifting your risk journey.

We can lead your organisation to a new risk strategy.

Website : <https://www.riskdecisions.com/>



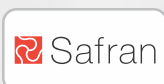
Sponsorship Level - Platinum Sponsor

RPCuk has been providing effective project controls solutions for over 20 years and helps organisations to create a holistic environment in which projects are routinely delivered successfully – on time and within budget – and expected returns on investment are fully realised. Our comprehensive portfolio of skills, services and solutions creates the ideal platform to support the complete project lifecycle...

- Project controls expertise
- Best practice processes

- Software solutions
- Consultancy and education
- Cloud infrastructure provision
- Application support

Website : <http://www.rpc.uk.com/>



Sponsorship Level - Gold Sponsor

Safran Software Solutions has offices in London and Stavanger and operates through partnerships globally as a leading provider of Enterprise Project & Risk Management (EPRM) software solutions to project and asset intensive industries. Safran is recognized globally for streamlining the EPRM process while elevating project delivery confidence through its integrated project and change management capabilities, with a special emphasis on embedded and available risk management. Safran prides itself on the speed of user adoption and time to value achieved through its streamlined integrated approach.

Website : <https://www.safran.com/>



Sponsorship Level - Bronze Sponsor

Scantec Personnel was established in 1990 supplying specialist temporary and permanent staff to the Technical, Engineering and Scientific sectors throughout the UK and Overseas. Scantec provide highly qualified and experienced personnel in a compliant and professional manner on both a permanent and temporary assignment basis. With over 28 years of recruitment experience, we have a heritage of excellence, setting high standards in delivering a responsible and professional service. We access the most qualified talent available and have the assessment capabilities and experience to ensure the best fit for your project.

Initially servicing the Petrochemical, and Oil & Gas industries Scantec has since successfully developed other sectors including Power Generation, Decommissioning, Nuclear, Defence, Energy, Process, Pharmaceutical, FMCG, Rail, General Engineering, Civil & Building and Professional Services Sectors.

Within Project Controls Scantec has a UK wide offering with established networks developed over the past 28 years. With a primary focus on large scale engineering and infrastructure projects Scantec supports some of the UKs most high profile projects supporting our clients in there delivery.

As an organisation Scantec is committed to contributing to the Project Controls industry and, through strategic partnerships, encouraging professional development. Scantec actively assists in promoting professional development opportunities to the Project Controls community and attending these industry lead workshops and seminars in order to improve our understanding and offering to the Project Controls community.

Website : <https://www.scantec.co.uk/>



Sponsorship Level - Silver Sponsor

Whether it is keeping management informed, or connecting your teams, Scenario will manage your information and processes across your projects. Scenario acts as a common platform connecting your internal Team members with the wide range of external parties working together on your projects.

Scenario is proven software, with over 20 years of experience on large to mega Projects. Our software is designed for the Enterprise, a Portfolio, or a single Project. Our software and services are targeted at Project Delivery, Mining, Energy, Infrastructure and Property Development covering Information Management, Project Delivery and your Workforce.

We bring structure and control to your information, commercial and compliance processes. We provide control, visibility and confidence across your projects from concept to handover, and full operations. We recognise our real value is to work with you, grow and adapt as your business and industry changes, and collaborate with you in both a timely and cost effective manner. We look to engage in proactive relationships, not reactive – and work best with Clients to improve your bottom line performance

Website : <https://projection-group.com/>



Sponsorship Level - Media Partners

Website : <http://www.screencult.com/>



Sponsorship Level - Bronze Sponsor

ShapeDo provides design change management for AEC projects. ShapeDo's cloud platform helps you control design changes and their impacts through the entire project cycle, from bid all the way through potential disputes.

Utilizing cutting-edge proprietary image analysis software, ShapeDo enables users to quickly and efficiently identify changes to drawings. The surrounding platform then supports a systematic review process, and enables users to implement simple and familiar project controls (RFI, EW, CE, etc.) for commercial teams, engineering teams, and planners.

ShapeDo is an Israeli start-up company founded in 2015, where it has since been used on every major infrastructure project in Israel, including railways, airports, ports, highways, and countless buildings.

ShapeDo began operation in the UK this past year, where it's being used both by major contractors for design change management, and by top expert witnesses and law firms for e-discovery and litigation support in contentious scenarios.

Website : <https://shapedo.com/>



Sponsorship Level - Silver Sponsor

Technology Resourcing are specialist recruiters for the Planning and Project Controls community and are proud to have sponsored this event every year since its inception in 2011.

We've been trading since 1995 during which time we've built a vast network of Project Controls Engineers and Managers, so we are very well connected, putting us in the best possible position to quickly secure the planning and project controls experts you need. We recruit for permanent staff vacancies as well as hiring contractors to cover peaks in your workload or to provide the specialist skills / expertise that aren't readily available from within your existing team.

We work with the most respected contractors, consultancies and owner/operators, supplying planning and project controls experts for a diverse range of construction, infrastructure and utility projects across all industry sectors. We don't just find people with the requisite tech and project controls skills though, we thoroughly interview and reference our candidates to ensure we only shortlist those who match your culture and will integrate well to your existing team, quickly adding tangible value to your projects.

Alongside our project controls recruitment, we also manage a comprehensive register of P3M System Architects, PM's, Technical and Functional Consultants to lead and support enterprise implementations across EMEA.

Supplementing our own internal database (>40K candidates) we also own and manage the largest Special Interest Group for this domain on LinkedIn - UK Planning and Project Controls'. If you're not already a member, please take a look and join, as it's an excellent forum to share ideas, benchmark, network and get expert advice from your peers.

Website : <https://tech-res.co.uk/>



Sponsorship Level - Silver Sponsor

TenneT is a leading European electricity transmission system operator (TSO) with its main activities in the Netherlands and Germany. With over 23,000 kilometres of high-voltage connections we ensure a secure supply of electricity to 41 million end-users.

We employ approximately 4,000 people, have a turnover of EUR 3.9 billion and an asset value totalling EUR 20 billion. TenneT is one of Europe's major investors in national and cross-border grid connections on land and at sea, bringing together the Northwest European energy markets and enabling the energy transition. We take every effort to meet the needs of society by being responsible, engaged and connected. Taking power further.

Until 2023, TenneT will develop Dutch offshore projects as defined in the National Energy Agreement. This is TenneT's "Programme Offshore Grid". For the long term, TenneT has presented its vision for the Hub & Spoke concept for large scale developments on the North Sea.

TenneT in the supply chain

TenneT is a key player in the electricity supply chain. This chain consists of producers of electricity from both conventional and renewable fast-growing energy sources, grid companies that transmit electricity (including TenneT), electricity suppliers, customers (industrial and small-scale users) and prosumers (energy consumers acting as producers).

Website : <https://www.tennet.eu/?L=0#&panel1-1>



Sponsorship Level - Gold Sponsor

TRS Staffing Solutions is a world leading recruitment company for professional, engineering, technical and field services talent. With 30 years' expertise, TRS Staffing Solutions has been developing resources, skills and specialist expertise to benefit our clients and candidates. TRS Staffing Solutions places candidates across six continents on a contract, direct hire or permanent basis. Clients include industry leaders, global owners and operators, as well as engineering, procurement and construction (EPC companies), major consultancies and government departments.

Website : <https://www.trstaffing.com/about-trs>



Sponsorship Level - Gold Sponsor

Wood is a global leader in the delivery of project, engineering and technical services to support our customers as they plan, deliver and maintain their operational infrastructure. We operate in more than 60 countries, employ 55,000 people, and generate revenues of around \$10 billion. We provide performance-driven solutions throughout the asset life cycle, from concept to decommissioning across a broad range of industrial markets, including oil & gas, power & process, environment and infrastructure, clean energy, mining, nuclear, and general industrial sectors. We strive to be the best technical services company to work with, work for and invest in.

Combining unrivalled technical knowledge and outstanding delivery, our extensive network of skilled professionals is focused on delivering a safe, cost-effective service to ensure our customers release the true value from their assets and meet their performance goals.

Our Programme and Project Solutions team works collaboratively with our customers to optimise the planning and control of their programmes and projects through effective programme and project management, planning and controls, commercial management and construction assurance. Our approach focuses on robust planning supported by active tracking of performance and using analysis to identify deviations from plans and acting to maintain delivery of objectives and increase confidence in the achievement of project results.

Website : <https://www.woodplc.com/>



Sponsorship Level - Bronze Sponsor

WYG is an award-winning project management and professional services firm operating from more than 50 locations across the UK, Europe, Africa, and Asia. We are driven by client service and underpinned by the technical excellence of our many in-house disciplines. We help our clients create value, protect value, and manage risk and are the partner of choice for organisations operating in complex or challenging environments.

We serve our clients through six business streams:

- International Development
- Infrastructure & Built Environment
- Programme & Project Management
- Surveying & Asset Management
- Environment
- Planning and Transport

Our 1,600 specialists work with a growing network of 20,000 partners and associates to deliver something that is truly valuable, wherever our clients' interests lie.

Website : <https://www.wyg.com/>

Detailed Agenda

Opening Remarks :



Steve Wake - Former Chairman for APM

Steve Wake is one of Project Controls best known movers and shakers.

He works tirelessly to keep the profession up to date and relevant.

Above all he wants project management to be a life-skill for all and supports anyone and everyone who shares this vision.

Keynote : Effective Project Controls and the DE&S Journey

Tony will reinforce the importance of effective Project Controls to DE&S, the value that we are seeing from having created a dedicated Project Controls Function and the vision that we see for the future. It will reflect that we are still building from the standing start that existed 18 months ago, but will recognise that, with 1600 Project Controllers in DE&S, we have a significant part to play in the development of the overall Project Controls profession and looking to play an increasing role in the PC community, across the public and private and defence and non-defence sectors. It will recognise the challenge that we all face in building the national capability that we need to meet demand for Project Controls outputs and outline the development and career paths that we are setting within DE&S



Tony Chisnall

Director of General Programmes

DE&S, MoD, Bristol, UK

Tony Chisnall joined DE&S in November 2016 in an interim capacity as Director General Programmes.

Prior to this, Tony was Vice President at Abu Dhabi Airports, with accountability for the delivery of a complex £2bn programme to upgrade the entire airfield infrastructure including supporting systems and processes ready for the opening of the new Midfield Terminal Complex. Working closely with the operational teams and airline operators, Tony was accountable for all aspects of project delivery from inception through to in service and maintenance.

At Abu Dhabi airports, Tony initially operated in the capacity of Vice President for Technical Support, with functional responsibility for design and engineering, plus construction and compliance. As part of this role, Tony led the integration of an independent government project delivery body into the airport operating company. This included the roll out of a new operating model and Management system together, with a supporting compliance framework; this enabled the transition of the project delivery operation into a customer facing organisation.

Tony first moved to the Middle East at Laing O'Rourke as a Programme Manager in their Middle East project management services business. He led a project to implement a Programme Management Office for the UAE military's capital projects group. This

included the implementation of an operating model, supporting processes and procedures, together with structured training for c 1,000 military personal involved in the delivery of capital projects across UAE.

Before this, Tony was employed by BAA operating in a variety of senior leadership roles. As Terminal 5 Commercial Director, he delivered c £4.0 bn of Final accounts prior to terminal opening delivering an objective of reducing commercial risk and outturn costs. Following T5 opening, he also led the close out of the entire project including transition into operations. Prior to this, he led the acquisition of a five year framework for main contractors to deliver projects in the £2.5 bn commodity portfolio as part of BAA's capital engagement strategy.

Prior to joining BAA, Tony spent a number of years working at the German Industrial Group Linde AG in a number of senior management capacities within their UK shop equipment contracting business. As UK Operations Manager, he led the integration of the UK business into the US group Carrier Corporation following acquisition. In his role, he transformed the business from a high volume individual project based operation into a programme and logistics operation centred around a dedicated ERP system and other support processes.

Master Class Zone @ Royal Oak Suite

M1: The Ten Tenets of Major Project Initiation

Since the Major Projects Association's formation in 1981, many events have been held and many reports have been written in the attempt to understand why major projects go well and to learn when they go wrong. Getting major projects set up right from the start is repeatedly highlighted as the critical factor in project success, and conversely, its absence usually leads to failure. These ten tenets of major project initiation set out a framework to help all those working across the supply chain of major projects to adopt better project initiation processes.



Professor Denise Bower - Executive Director for Major Projects Association, UK

Denise is the Executive Director of the Major Projects Association (MPA) and Professor of Engineering Project Management at the University of Leeds. The purpose of the MPA is to improve the initiation and delivery of major projects through the interaction of members from all sectors in sharing experience, knowledge and ideas. She is a member of the Infrastructure Client Group, Chair of the Capacity Building

and Professionalism Panels and member of Council at the Institution of Civil Engineers and a member of at all party Parliamentary Group on Smart Cities. Denise was a judge for the prestigious Wolfson Economics Prize 2014 which is the second largest economics prize after the Nobel Prize and she was a member of Construction Industry Strategy Advisory Council that wrote Construction 2025 (an industrial strategy for the construction sector); the Infrastructure State of the Nation Scorecard Steering Group and the IUK Cost Review Steering Group.

Denise has worked in collaboration with IPA (formerly IUK) to develop a "Project Initiation Routemap" (Routemap) to enable more informed project and programme initiation and delivery decisions. It is aimed primarily at the sponsor and client organisations that deliver major projects and programmes, long term capital investment plans and publicly procured mega-projects. Application of the Routemap on projects such as Crossrail, the Environment Agency's Thames Estuary project and Flood and Coastal Risk Management programme, HS2, London Underground's Station Stabilisation, Vauxhall Station and New Tube Programmes, Network Rail's ETCS and Digital Railway programmes, Surrey County Council's highways maintenance programme and Anglian Water's AMP6 infrastructure investment strategy have demonstrated the potential for significant savings. The same principles have been successfully applied to the NHS Integrated Digital Records Programme, the Successor Nuclear Submarine programme and NSARE.

Denise also has expertise in the articulation and development of engineering, project management and intelligent client competency. A commission from the Highways Maintenance Efficiency Programme (DfT) highlighted the challenges faced by Local Authorities due to the changing nature of their delivery environment. She co-authored the Institution of Civil Engineers post professional review competency framework and their Intelligent Client Competency Framework.

Denise has very strong links across the academic community collaborating on teaching and research activities. She has published widely in academic journals and authored and co-authored key text books on the subject of engineering project management.

She was awarded an OBE in 2018.

M2 : Standing up a project controls within DE&S – a Land Domain Perspective

Mark will share his experiences and learning of setting up the function and introducing project controls processes and tools into DE&S. The presentation will cover:

- * defining and implementing the function model;
- * approach adopted for role profiles, organization design, recruitment;
- * roll out of processes for setting and managing baselines using EVM;
- * roll out of tooling (including P6, Time Recording, Cost Processor)
- * lessons learnt.



Mark Bunyan - Functional Manager Project Controls for Land Domain for MoD, Bristol, UK

Mark Bunyan is the head of projects controls for the Land Domain with Defence Equipment & Support which responsible for equipping and supporting the armed forces. He has been responsible for standing up the function and has functional responsibility (processes, tools and people) for c350 staff working across c300 projects.

M3 : How risky is your project ? And what are you doing about it ?

""How risky is your project? And what are you doing about it?" The answers to these two vital questions will not be found in your project Risk Register or risk reports. The overall riskiness of your project is more than the sum of a list of individual threats and opportunities.

Leading risk management standards include a definition of something called "overall project risk" which is different from individual risks. But what does it mean and how do we manage it?

The concept of overall project risk is overlooked in the project risk management approach adopted by most organisations. This means that our risk processes focus exclusively on individual risks and we fail to identify or proactively manage the overall risk exposure associated with our projects.

This presentation clarifies the concept of overall project risk, explains its importance, and outlines how it can be identified, assessed and managed. Only by broadening our risk approach to include this aspect can we know how risky our project is, and decide what to do about it.



Dr. David Hillson - for The Risk Doctor

Known globally as The Risk Doctor, Dr David Hillson is a thought-leader and expert practitioner who speaks and writes widely on risk management. David has a well-deserved reputation as an excellent speaker and presenter on risk. His talks blend thought-leadership with practical application, presented in an accessible style that combines clarity with humour, guided by the Risk Doctor motto: "Understand profoundly so you can explain simply". David has advised major organisations, governments and charities in over fifty countries on how to create value from risk using applied risk-based thinking, and his wisdom and insights are in high demand. David has received many awards for his ground-breaking work in risk management, and he has developed significant innovations that are now widely accepted as best practice.

M4 : Why use a systems approach to project controls?

Chris will draw on BMT's experience in the defence sector to demonstrate how a 'systems thinking' approach is a vital element to programme or project controls.

He will present an excellent 'live' case study, immersing you in to the world of submarines as well as taking you on a thought-provoking train journey, to learn how a rigorous approach to understanding relationships and boundaries will make a 'big' difference when you next tackle:

- * defining project/programme scope;
- * understanding relationships and sources of risk;
- * benefits management;
- * planning and scheduling and
- * stakeholder management and communications.



Chris Mills - Principal Consultant for BMT, UK

Chris has nearly 30 years experience in project and programme management within the public and private sectors. His first job on leaving university saw him work on the Channel Tunnel and Eurostar terminal at Waterloo which gave him a thirst for working on very large projects.

Since then he has worked in the defence sector on programmes including training and simulation, future submarines, helicopters and communications and information systems.

Chris has worked as a management consultant for over 6 years with BMT and spent much of his time helping clients to develop and manage PMOs. He is actively involved with the Association of Project Managers (APM) and is currently an Assurance Special Interest Group (SIG) committee member. Chris enjoys cycling and hiking as well as baking cakes. He would be pleased to meet with you at the event to discuss any aspect of his work, sharing advice and tips. Or, if you prefer, to exchange cake recipes.

Chris is looking forward to your questions at the end of the session but will also be available on stand 20 in the Highbury Suite if you want to catch-up with him in the coffee break at 2.45pm in the Highbury Suite.

Connect with Chris via LinkedIn - www.linkedin.com/in/christopher-mills-4a77744a/

M5 : ISO/FDIS 21508 Earned value management in project and programme management

ISO 21508:2018 provides guidance for practices of earned value management in project and programme management. It is applicable to any type of organization including public or private and any size or sector, as well as any type of project or programme in terms of complexity, size or duration.

ISO 21508:2018 provides the following:

- a) terms and definitions;
- b) descriptions of the purpose and benefits of earned value management;
- c) the integration and relationship with project or programme management;
- d) an overview of the processes and process descriptions;
- e) basic requirements for an earned value management system;
- f) use of an earned value management system.

This presentation will overview the ISO 21508 Programme from how the group was formed, so that the attendees learn the ISO development practice, as well as the key aspects of the implementation of EVM within the ISO concept and the secretariat of the ISO 21508 process. The author has participated in the workshops developing and is a ISO Organizational Representative.



Sean T. Regan - Technical Director for Project Controls Institute

Ph.D., FAACE, CCP, CEP, EVP, MRICS Guild Fellow of Project Controls

30 years of experience in planning, scheduling, estimating, cost engineering, contracts and Total Quality Management (TQM). Project controls field & home office systems and worked as Project Controls Supervisor, Project Controls Manager, Superintendent, Contract Administrator and Project Manager. He has a proven record of excellence in achieving goals for project team and client in execution of Project Management and Controls in the Middle East, North Africa, Eastern Europe, and the Former Soviet Union. He is also experienced in implementing Project Management and Construction Control systems for facilities, telecommunications, power, infrastructure, and petrochemical projects. Experience with DTRA/DCMA/FAR, IMF, World Bank, EBRD, and Asian Bank policies and tendering.

M6 : NEC4: how changes from NEC3 will impact procurement, project and commercial management of projects

Neil will analyse important changes that were made to the NEC3 Engineering and Construction Contract in the NEC4 version that was released in June 2017.

He will look at the changes in terms of how they will affect clients and contractors who are involved with tendering and managing projects under NEC4, e.g. estimators, procurement managers, project managers, contract managers, quantity surveyors and cost managers.



Neil Earnshaw - Director for NE Consult

Neil is a quantity surveyor and project manager with twenty-five years professional experience working for clients, contractors and consultants on a wide range of building, civil engineering and utilities projects and programmes. He specialises in the development of procurement and contract strategies, the management and production of procurement and contract documents, and the provision of procurement, contractual and commercial advice.

Over the years Neil has worked on construction projects and programmes valued from a few tens of thousands through to billions of pounds, and has practical experience of working with GC/Works, ICE, IChemE, JCT, NEC and PFI contracts.

He is a recognised expert in NEC contracts and has provided training and consultancy services for the publishers of the NEC contracts for the last 12 years. He has authored numerous articles and regularly presents at conferences on the subject of NEC. Neil is highly regarded by his peers and was pleased to see a number of his proposals for improvements to the contracts find their way into the new NEC4 contracts that were published in 2017. Through his work across many different sectors of industry over the years he has built up an extensive practical knowledge of NEC contracts and how to set them up and manage them in order to improve the likelihood of successful outcomes for project and services.

M7 : The integration of Project Controls into the Finance Function

It is a well-known fact in our industry that projects can and often do go wrong for many different mostly unforeseen reasons. Overspends and delays are unfortunately experienced from time to time and once established it is very difficult to reverse the trend unless drastically cutting scope – which we can reassure you is not normally a viable option when dealing with nuclear warheads and the facilities that are required to accommodate them. The real question is, what is the appropriate response that should be implemented to mitigate the adverse effects that serious problems and issues can and do bring and seek to prevent a recurrence. This presentation covers one such scenario. Whilst some details are necessarily withheld in the interests of national security, this case study represents real-life events and a response necessitating seemingly drastic changes to our project management philosophy, company structure and even shareholder construct. The presentation will conclude with a look at the further plans that are in place to ensure our newly-created and far more robust project controls environment is fully enduring.



Mark Galbraith - Senior Business Manager for AWE, UK

Mark is a former AWE apprentice. He took the decision to leave the company in 2001 to pursue opportunities elsewhere and subsequently held senior project controls positions in several companies including UKAEA Ltd and Jacobs Engineering, working on varied projects in both the civil and defence nuclear sectors. Happily, Mark returned to AWE in 2016 as a Senior Business Manager and has more

recently stepped into the challenging role of Stockpile Business Controller. Mark holds an MBA from Henley Management College and is a member of the Chartered Management Institute (CMI). In his spare time Mark enjoys DIY and spending time out in the countryside with his wife, son and two dogs.

Technology Zone @ Champions Suite

T1: The impacts of Digital on Supply chain Governance across the Asset Lifecycle

There is significant evidence that the use of digital Technology in the delivery of Capital projects across its full lifecycle (inception thru operations) can lead to major cost savings & benefits.

This presentation will walk thru a vision on what a technology road map could look like, the impacts , challenges , risks etc on moving to a more digital world , the incremental benefits and how that can influence how you work with the supply chain

In addition to why now is the time to act ,as sticking with the current status quo option could lead to a downturn in business



Geoff Roberts - Industry Strategy Director for Oracle Construction and Engineering, UK

Geoff Roberts is a Chartered Cost Engineer with more than 35 years of experience in all aspects of project management and project controls. He has been with Oracle Construction and Engineering for 17 years and is currently Director, Strategy (Energy), providing strategic direction, domain expertise and insight around Asset Intensive industries and how they operate to both internal and external customers.

In addition he provides input into the solutions we deliver to our customers ensuring what we offer is best in class and able to support how these organisations deliver projects to time, cost, quality, safely from inception through to scope definition, FID approval, execution, operations and decommissioning. During his time at Oracle he has worked with many of the major Utilities and Oil, Gas and Petrochemical organisations across the globe.

T2: Maximising the success of your capital projects through integer programming models

Capital Project portfolio planning is the process of selecting, from a large set of potential projects, some subset that best achieves organizational objectives and then scheduling these projects over some known time horizon so as to maximally leverage organizational resources. In general, both tasks -- project selection and scheduling -- are highly related and interdependent. Given limited resources (availability of funding, labor capacity, physical space, time, etc.), the selection of a particular project will have consequences for the scheduling of all others. Similarly, the scheduling of a single project has consequences as to which others can feasibly be selected. The capital project portfolio planning problem has a simultaneous nature: project selection and scheduling must be determined in a single step. Ignoring the simultaneity of the problem (by, for example, first selecting then scheduling projects in a portfolio) can lead to outcomes that are far from optimal. This presentation provides an overview of a novel formulation of a standard integer programming approach that returns the optimal portfolio plan from the collection of all feasible project selections and schedules.



Michael Goggin - Director for Enstoa, North Carolina Area, USA

Michael is a Director in Enstoa's global Strategy & Consulting practice. An experienced software engineer and project management professional, Michael applies systems engineering principles to the planning and execution of complex projects. With years of experience in software & systems development, Michael's passion for analysis is grounded in data and aims to uncover actionable intelligence in Capital Programs. In addition to his B.S. in Mathematics from the University of California, and M.S. in Computer Science from the California State University, Michael has an M.B.A. from Pepperdine University.



Michael Matošin - Analyst at Enstoa, New York, USA

Michael Matošin is a machine learning, data science, and mathematical programming specialist at Enstoa. Michael leverages state-of-the-art analytic models and methods to inform key business decisions and drive organizational value. A significant focus of his work is in reducing complex business phenomena to a mathematical framework with an eye towards optimizing systems and processes and delivering dynamic, best-in-class solutions.

T3: How to plan and build a ship.

Planning the build of a submarine is a very complex project, but a typical project - or rather portfolio - for a Defence contractor to undertake. But it is also typical for those manufacturers to strive for an ability to plan effectively while there are inadequate resources - factory space, people, skills, equipment. How to optimise the plan against these scarce variables? How to use risk based forecasting and even resource levelling to forecast accurately? This is typical of any asset intensive, activity based operation, and in any sector. In this workshop Richard Wood of Safran will use a real life and concrete example of a project to plan and build a submarine - to demonstrate how modern project controls techniques can support a flexible, resource sensitive, and risk based project controls environment to do so effectively.



Richard Wood - CEO for Safran Software Solutions, UK

Richard Wood has been designing and delivering efficiency improvements in asset management processes of all kinds for over 20 years. Currently working for Safran Software Solutions as CEO, Richard was previously responsible for global business development. Safran has pioneered a new breed of risk analysis software, and an approach that integrates risk analytics and risk thinking across a project intensive organisation.

T4 : 5 Pillars of Project Controls: WBS, Estimation, Schedule, Cost, Change

Explore the fundamental elements required to deliver a mature, effective and robust project controls capability. While project management is far too complicated to be the culmination of only five things, these pillars are at the center of successfully planning for and managing a project. When work breakdown structure, estimation, schedule, cost, and change are all managed effectively, it makes it easier for everything else to fall into place. The aim of every project controls team should be the delivery of actionable information, at the right time, in the appropriate format and correctly contextualized. After all, this information is the basis for decision making and is critical for all types of projects regardless of size and complexity. Join us as we examine each of the five project controls pillars in detail and share industry best practices that will save you time and budget.



Andrew Langridge - Director of Business Development for Europe for ARES PRISM

Andrew Langridge is the Director of Business Development for Europe at ARES PRISM. In this role, he is responsible for delivering Estimation and Project Controls solutions across a wide range of industries and applications. Andrew started his career as an apprentice mechanical engineer working in a bespoke machine tool company in London. After completing a 5-year technical apprenticeship, he moved into

advanced manufacturing supervision and management roles. For the last 25 years, Andrew has been working in the field of Estimation and Project Controls supporting the implementation of best in class processes and solutions for organizations across many industries. Andrew is a Royal Academy of Engineering Visiting Professor at the University of Bath involved in developing thought leadership for the next generation of solutions. He is also a Visiting Fellow at Cranfield University and a Fellow of the Association of Cost Engineers.

T5 : Enhancing Predictability with EcoSys to Achieve World-Class Projects Performance

It's well known that the construction industry lags other sectors in technology adoption, productivity and predictability. Deloitte notes that Construction invests just 1.5% of revenue in IT, less than half of the average for all industries. And while Digital Transformation is important, it won't address all challenges, especially those particular to culture and human behavior.

As a result, the industry's ability to accurately predict cost and schedule outcomes has been severely restricted, massively impacting the bottom line of many organizations, as well as management and investor confidence. Given Wall Street speaks the language of predictability, executives must attain fluency on the subject. They must demonstrate leadership by institutionalizing proactive behaviors modeled by revamped incentive programs. Rather than traditional Variance Analysis, incentives should be driven by predictable delivery. Simply put, a project delivered with a 30% overrun learned 20% into a project duration provides ample time for course correction versus one learned 90% through. Effective course correction results in reduced cost and schedule variance, i.e. improved predictability breeds better project control. And better financial outcomes.

In this session, we'll discuss:

- The Construction Industry Institute's (CII) Predictability Index and its role in improving projects performance .
- How your business and the entire industry can increase shareholder value by making measurable improvements in Predictability.
- Achieving Enterprise Projects Performance, enabled by EcoSys and its new Predictability Indices.



Martin van Vliet - Vice President Business Development EcoSys Europe for Hexagon PPM, Amsterdam Area Netherlands

Martin van Vliet has a career with over 20 years of experience in the Cost Engineering profession, providing services around estimating, planning, project controls to improve Projects Performance. With Hexagon PPM, Martin leads the EcoSys Business Development team in Europe. His primary role consists of planning, managing, executing strategy to optimize Hexagon's market position in the global project

controls market. Prior to Hexagon, Martin spent most of his career with Cost Engineering Consultancy, as Business Director, responsible for building and maintaining networks and approaching new leads, prospects and existing customers to strengthen the company's order portfolio for the software and consultancy department.

T6 : Improving Batelle Project Controls with Planisware: People, Processes and Tools

To be excellent in project controls, we need outstanding people, processes and tools. Having focussed on the way we operate in all of these areas in an integrated approach, Batelle takes you on the journey of our transformation.

Touching on aspects of EVM, contract management, project selection and forecasting business performance, our presentation will explain how rigorous control, best practice and an integrated tool resulted in vastly improved visibility, analytics, and financial outcomes - and ultimately an improved service to clients.



Todd Hitt - Senior Project & Program Manager for Battelle, Columbus, Ohio Area

Todd joined Battelle's Program Management Office in 2011 where he directs project management support to over 300 project managers executing approximately 1,000 concurrent projects. This responsibility includes establishing training for project managers, developing scalable policies and processes, and supporting project managers with state-of-the-art tools.

Prior to the PMO, Battelle's Software development group, which developed custom software and performed IT services for a variety of government and commercial customers. This group developed CMMI Level 3-compliant processes and executed software development lifecycles ranging from SCRUM to Waterfall.

Todd holds a BS in Electrical Engineering and a MS in Computer Information Science from the Ohio State University.

T7 : Making a case for digitalization of the project staffing process

To make digitalization a reality, companies can't just gather technologies and build capabilities. They must also find people with the right skills, and manage the shift to a culture that's willing to carry out the effort. For a project business, this change must begin and be captured in the project staffing process. How to stay in control?



Leif Arild Åsheim - CEO for Promineo, Stavanger Area, Norway

25 years of project management and tools experience from the oil and gas industry on the Norwegian continental shelf and internationally. Co-founded Promineo AS in 2002, developed the company in to the 8th fastest growing technology company in Norway in 2006 and has made it today's front runner in digitalization of the project staffing process.

Case Studies Zone @ Dial Square Suite

C1 : 21st Century Battle of Waterloo

London Waterloo is currently Britain's busiest station and links the country's most used railways. The Wessex Capacity Programme is aimed to deliver a 30% boost in peak-time capacity to and from Waterloo station by an Alliance of five companies. This £602 million investment programme, involving 380 people daily and over 1000 people during peak construction, already delivered some major critical milestones and will be fully completed by December 2018. Pragmatic and data driven Risk Management is a critical part to its successful delivery due to ability to be fully integrated within other project delivery and controls disciplines. The presentation will focus on guidelines to reap practical benefits of interdisciplinary collaboration in the domains of control and will give a realistic view of risk management impact on the deliverability of the project/programme.



Maryna Losieva - Risk Manager for Mott MacDonald

Maryna is a Senior Risk Manager at Mott MacDonald Ltd and leads multiple initiatives of technical excellence across the risk discipline. She has extensive experience within infrastructure Project/Programme Risk management particularly in Transportation sector (e.g. Aviation, Rail, Port, Highways). She holds a BSc in Applied Mathematics and a MSc in Risk Management. Maryna is passionate about quantitative risk assessment and data analysis and benefits it brings to delivering project predictably.

C2: Complex Project Analytics (CPA) – Helping clients gain insight and advanced control from their project data.

Data has become a vast and rich asset that is captured on projects on a daily basis. We have helped clients bring this data to life by deploying analytics in an agile and exploratory way; analytics that is underpinned by our industry expertise and focused on their unique challenges. We will talk through the importance of this work and describe brief case studies where our clients have gained strategic insights from their data after embracing Complex Project Analytics. This has helped them to reduce programme costs, to drive improvements and efficiencies in delivery, to identify and evidence root causes of challenge and both realise and measure strategic benefits across their portfolios. One of those case studies will focus on the delivery of complex programmes in the defence sector and how analytics helped reduce cost and improve project performance. Through analysis of disparate and disconnected data sources, we enabled our client to recognise leading indicators of challenge, areas of inefficiency and the opportunity to reshape how they deliver and manage these programmes of work in the future. We will also talk through the future direction of our work, helping clients realise the true value from their project data.



Alan Lavery - Chartered Civil Engineer for PwC, UK

Alan, a Chartered Civil Engineer by background, leads the Complex Project Analytics growth priority in PwC's Capital Project and Infrastructure team. Utilising over 17 years industry experience Alan has developed new analytics propositions which help clients make better use of their project data to drive efficiency and delivery improvements into their projects. This creative approach to the project environment and analysis of disparate data brings bespoke offerings that address specific client challenges, covering areas such as: communications analysis, people pattern analysis, delivery efficiency and leading indicators. His focus is on creating a rich capital project data environment that can deliver more enhanced insights and efficiency opportunities to his clients before the issues are evident. The outcomes for the clients include longer term cost reduction and transformation initiatives, that, in a recent case, identified and delivered £23m savings in risk allocation for a major programme in a very short period of time.

C3 : Are triangles the future?

Is the common practice of using 3-point, triangular, distributions for modelling costs and schedule risks enhancing, or hindering, the accuracy of risk modelling?

Monte-Carlo simulation is a powerful technique, used in many sectors, for establishing the potential range of costs (or completion dates) of a project. This is critical for setting competitive, but realistic, contingency budgets for complex projects. Like any model, these simulations are only as good as their inputs, in this case a project's risks and uncertainties. These inputs often take the form of 3-point estimates where you capture a minimum, most likely and maximum impact of a given input (often modelled as a triangular distribution). These 3-point estimates are considered by many to be the best input for these models. In some cases other types of input, such as 2-point estimates, are considered less mature or accurate, but is this true?

This session looks at the logical and practical merits of 2- versus 3-point estimating and discusses which genuinely provide the most accurate and realistic outputs to support decision-making.



Ben Fry - Principal Risk Consultant for QinetiQ, Bristol, UK

Ben is a Principal Risk Consultant at QinetiQ. He has over 15 years' experience in the defence and construction industries, having worked on a diverse range of £bn projects for a variety of companies including Hinkley Point C and the UK Deterrent. Ben has extensive experience in a range of project controls functions, including scheduling, risk management, project controls and change management. He

specialises in Risk Management improvement and transformation as well as quantitative risk analysis techniques.

Ben is currently heading Risk Management transformation and improvement for a £500m QinetiQ programme. He is passionate about ensuring risk management approaches are pragmatic, realistic, proportionate and value-adding to an organisation's decision makers.

C4 : Integrating BIM, Programme Controls and Big Data: Benefits, Key Success Factors and Industry Trends

Opportunities, challenges and approaches to integrating digital design, scheduling, estimating, controls, big data and lean techniques.

In May 2011, the UK Government published the Construction Strategy aimed at reducing the cost of public sector assets by up to 20%. To achieve this strategy, the government has required construction suppliers tendering for centrally-procured government projects to be working at BIM Level 2. As a minimum, this requires fully collaborative 3D BIM (with all project and asset information, documentation and data being electronic). This presentation explores a practitioner's view of how well this electronic information is integrated, coherent and sufficiently comprehensive to support the objective of reducing not just capital (direct) construction cost of assets, but also the indirect cost of the project and programme overheads including management effort required to design, support and control the construction activities.

Drawing on some of LogiKal's most recent case studies, Iain will explore the approach and key success factors which should be present in any capital programme team which is seeking to integrate electronic data, to maximise the



Iain Cameron - Chartered Engineer for LogiKal Projects, UK

Iain is a highly knowledgeable Chartered Engineer with experience in practical project management, project controls and cost engineering, across construction, civil engineering, rail and highways sectors. In a varied career he has worked Contractor side, ultimately as a site Agent; client side, acting as controls manager on large infrastructure projects; for a cost management software vendor; and also for a subcontractor.

The combined perspectives give Iain some insights into common, and sometimes conflicting, goals of each party in the supply chain. He will be drawing on those insights and experience to explore the approach and key success factors which should be present in any capital programme team which is seeking to integrate electronic data, including BIM (digital design data) to maximise the commercial opportunities for all parties, and reduce the challenges.

C5 : Harness EVM to help Deliver the Future

What does EVM mean to you, your colleagues and, indeed, your organisation? Is there a comparable standard set of definitions and principles that can deliver the same degree of consistently precise visibility and empowerment?

It's not that EVM isn't a mature discipline within the Project Management community, it's been around for decades. However, few businesses or industries have put the requisite resources and energies into adopting the processes and organisational disciplines required to unlock the significant benefits that EVM can offer.

Driven by the almost incessant scrutiny of cost and schedule estimates and monitoring of proper planning and execution, the US Department of Defense established an EVM standard that is generally recognised as the best available. More recently, other organisations, such as the UK Ministry of Defence, have adopted and further enhanced these standards for effective control of their own portfolios, programmes and projects and, also, the massive supply chains that support them.

RPCuk will explain how, working with client organisations, we have produced a practical solution that conforms to the American National Standards Institute/Electronic Industries Alliance standard ANSI/EIA-748, Earned Value Management Systems (EVMS).

David Hurren, RPCuk Technical Services Director, will explain how we can provide transparency and empower collaboration via a core set of EVM deliverables addressing

- * Auditability - when and why information changes and by whom
- * Accountability - when responsibilities change and to whom
- * Budget Management - controlling and tracking distributed and undistributed budgets across the programme
- * Change Control - controlling programme changes and understanding the potential and actual impacts
- * Corrections and Variation Analysis - highlighting the information needed to identify, agree, implement, manage and track variances and corrective actions

David will explain how the solution we have developed will

- * Provide the key metrics and visibility needed to enable stakeholders to understand and manage their highly complex programmes, from inception to delivery, and fostering collaboration
- * Give the programme team the insights to assess how changes could impact the programme based on the current approved position and also potential inflight cross-programme changes, enabling better, more informed decisions using the latest and most up to date information



David Hurren - Technical Services Director for RPCuk

Dave is a hugely experienced and acknowledged by Oracle as a leading UK expert in architecting, delivering and implementing Oracle Primavera EPPM product set solutions, including integrations with ERP systems and other third party toolsets, in a variety of industry sectors. Dave works for RPCuk, this year's Project Controls Expo Platinum Sponsor.

C6 : The ABC of a Change programme

How behavioural science can be applied in conjunction with tried and tested change management principles to enhance the people aspects of transforming project management - Change Management meets Behavioural Science

This session looks at a recent major transformation programme within the defence industry. One where we have worked to make major organisational changes, whilst re-working project management and project control processes, and seeking to introduce a suite of new project control toolsets.

Drawing on one of Costain's most recent advisory engagement, Pete will explore the approach and key success factors around transforming the way project management is undertaken in a major defence business. This presentation will specifically explore the application of behavioural science theory and techniques to such a change programme,

Pete will explain how the solution we have developed is:

- * enhancing the people aspects of the change, recognising and supporting them through the standard change curve
- * Recognising the need to provide consequences that align with individual's motivations, resulting in positive behaviours
- * Provides a structured approach to managing the implementation phase of the change programme



Peter Mill - Head of Portfolio, Programme and Project Management Services for Costain, UK

Pete has substantial experience of project and programme control process definition, creating integrated documentation and data baselines for strategic programmes and multi-programme environments. He has led the transformation of Programme Controls across all dimensions of process, people, toolsets and data for Clients and demonstrates effective consultancy and influencing skills within previous leadership and

team member roles for capability management transformation projects. Pete also has extensive experience in skills transfer as coach, mentor and trainer with a legacy of creating and enhancing capability of Client staff.

C7: Digitalisation and Project Controls – A Claims and Disputes Perspective

The evidence project controls provide is pivotal to the outcomes of claims or dispute. In his presentation Charlie will provide a preview of insights from the first CRUX Insight report due for release following the establishment of HKA's causation research programme. He will share his digital perspective on causation, informed by data from over 250 major projects with a total CAPEX in excess of \$400 billion. This will include:

- * The true complexity of causation
- * How is the 'illusion of control' a root cause
- * Data not just documents - digitalisation and record keeping
- * The link between controls and behaviour
- * 3D models as a digital maturity indicator
- * Digitalisation and dispute avoidance by proxy
- * The positive impact of digitalisation on claims and dispute



Charlie Woodley - Director at HKA, UK

Charlie Woodley is a Director with HKA, one of the world's leading providers of advisory, claims and dispute services for the construction, manufacturing, process and technology industries. He has over 20 years industry experience and is an established informatics specialist with a focus on strategic digital advisory and analytical problem solving on complex, high value claims or disputes. He advises stakeholders and expert teams on the opportunity and risk of project data and how to best leverage data

to inform strategic decision-making, optimise efficiency and improve outcomes. He has been instructed as a data expert in international arbitration, and provides digitally enabled expert assistance to HKA's claims and dispute teams worldwide - overcoming the challenges of timeously aggregating and structuring records to evidence or rebut claims for time or money. In addition, Charlie is responsible for CRUX, HKA's integrated causation research programme.

Social Projects Zone @ M Club

S1 : Project Controls in a Policy Environment

- Experience of applying Project Controls to help move from Crisis into Delivery
- Why does Policy feel and behave differently?
- Tips for how to apply project controls effectively in a policy environment
- Value of bringing mindfulness into the mix

Andrew will describe his experience of applying project controls to help move a situation from crisis into delivery. He will then describe what he has learnt during his considerable time working with policy colleagues, how project controls can help and how project control colleagues might be able to increase their chances of success in what can be a challenging environment. If Andrew has time he may add a short description of his experience of adding mindfulness into the the mix.



Andrew McNeill - Portfolio Director, Building Safety Portfolio at MHCLG, UK

Andrew has worked in Project, Programme and Portfolio management and Assurance for 20 years, most recently as Portfolio Director for the Building Safety Programme, established after the Grenfell Fire tragedy. His experience of Government Departments and the way they work is extensive. Andrew has spent most of his career applying Project Controls in a policy environment and has fascinating insights

into the challenges of applying these approaches in situations that may not at first lend themselves to Project Controls but when they are applied, can be transformed.

S2: Delivering Social Change through a Project and Programme Management Approach: The Youth Justice Reform Programme



Clare Toogood - Director for Youth Justice, UK

Clare Toogood is the Youth Justice Policy lead for the Ministry of Justice, she has led the Youth Justice Reform Programme following the publication of Charlie Taylor's review of the Youth Justice System and the Government's response which was published in December 2016. This is a complex social reform programme of change to fundamentally change the approach to Youth Justice in England and Wales.

Prior to working in Youth Justice Clare was Head of the Public Defender Service (PDS), which included responsibility for setting up the PDS Advocacy Unit. Clare's previous roles include Area Business Manager for the Crown Prosecution Service and in local government.

S3: Department of Work & Pensions Exiting a 20 Year PFI

Simon Johnson has been part of the leadership team delivering one of the most complex property transitions across government. Negotiating out of a 20 plus years PFI deal and establishing an organisation that can operationalise a complex DWP estate. A limited with fiscal envelope with a client base used to getting what they want from a property added to the delivery context

Simon will draw on his experiences of

delivering the challenge of

- understanding a department Under huge pressure to improve the life chances of the people of Britain,
- help develop a property strategy that will support their business today and future proof it for the next 5 to 10 years whilst they are undergoing significant transformational change contingent on the outcome of the spending review (Flying the plane and building it at the same time)
- Delivering a value for money property portfolio that will improve conditions for all staff and customers entering a DWP unit

Come along and listen to Simon speak about his experiences and engage with him on how controls have helped to deliver to date and can help improve delivery in the future.



Simon Johnson - Strategy & Planning lead , DWP Estates, UK

- Department of Work & Pensions - Estates, Head of Strategy
- Department of Work & Pensions - Estates, PRIME Exit Transactions Lead & SLT
- Incendium Consulting - Partner (2014 to Present)

Simon is currently the Strategy & Planning lead within DWP Estates. Previously he led the property transactions workstream during the exit from PRIME and ensured lease negotiations were completed successfully on 800 properties. Simon was also part of the Senior Leadership Team leading the whole project.

S4: What do transformation projects have in common: lessons from wildly different sectors

Rebecca has had oversight of a range of public sector transformation projects over the last 25 years - from major NHS or energy sector spend in the billions, to small scale but high social impact projects affecting the streets of London. What do they have in common? And what can we learn from the sometimes surprising similarities.



Rebecca Lawrence - CEO for MOPAC, UK

Rebecca is a public sector leader who carved her career in the Treasury before moving on to leadership roles closer to the sharp end of delivery. She specialises in building teams and organisations whose subject areas are in the centre of the public gaze: Europe at the launch of the euro; health spending in the early 2000s; climate change policy at the time of the Stern review and the UK Climate Change Act in 2005, counter-terrorism after 7/7 and now policing and crime in London, making a reality of the Mayor's

new powers to oversee the Met Police and invest in services which support victims and reduce offending.

Versatile across both public and private sectors, with skills from a formative early spell in the banking sector, she uses her roles on boards or as SROs of programmes to drive change, across a wide range of areas including:

- sustainable change in the European Investment Bank, during her time as a director on its board;
- digital security, as founder and Chair of the London Digital Security Centre
- director of Police Crime Prevention Initiatives
- Senior Responsible Officer for Child House, where, for the first time in the UK, medical, advocacy, social care, police and therapy services will be available for children under one roof, so that children will quickly receive the support to rebuild their lives after abuse.

She is a passionate advocate of volunteering, setting up a parents group to support the establishment of a local school in Hammersmith and becoming its first community governor, and has built partnerships across West London to bring young people from all backgrounds into politics and public life.

S5: Technology enabling Social Transformation at the Ministry of Justice

Richard Matthews will be presenting on how digital strategies are driving radical, root and branch social transformation across government. He will draw on live projects being delivered across the courts and tribunal services to enable all citizens to have fair and equitable access to justice services. He will also speak about giving offenders access to digital services to give them a better chance of leading an offence free life in the community after college completing a prison sentence.

Richard will draw on how he is using project controls to ensure these social transformation projects are not just seen as another IT project. Controls have a role to play in securing both commercial and social outcomes. Come and join him to discuss how we can use controls to understand likelihood of delivery rather than a mechanism to measure time and cost - to secure real world change.



Richard Matthews - Programme Director - Technology Transformation Programme and Digital Prisons at MoJ, UK

Richard is a Senior-level IT professional with government and private sector experience. He has a proven track record of applying appropriate, practical technology/mix of technologies that meet business needs while minimizing risks. He has over 20 years of experience within all sectors of Technology at a Senior Level. He is currently working as the Director of Technology Services at the Ministry of Justice

delivering transformational IT projects that improve front line services. Richard is also studying as part of the Cabinet Office led Major Programme Leadership Academy at Said Business School at Oxford University.

DEBATE

Project Controls Expo are excited to present for the first time a debate bringing two distinct communities together to deliberate over the constructive tension between leadership and governance and project controls.

Is strong leadership and governance enough to deliver complex social transformation? Is the debate challenge we have given to our industry expert teams.

Frank Devoy will lead Team Social Transformation supported by Lizzie Peters and Cedi Frederick. Frank will present the arguments for arguing that Strong leadership steers strong and simple courses that get us from A to B. And quickly. It steers us towards changes that enable people to change their lives, and with that comes real social transformation.

Simon Taylor will lead Team Controls supported by Terry xxxx and Saurabh xxx. Simon will present the case for controls without which no complex project can be successfully delivered as they provide the platform for decision making. He will also talk about understanding your impact and controls as a mechanism for measurement

Ruchi Singh will host the debate keeping the teams in a healthy dialogue and drawing engagement and participation from the audience. Please do come along to this exciting event and come prepared to ask some difficult questions and give our teams a run for their money. This promises to be a lively session which should draw out some great thinking and energy at the end of a packed day.



Frank Devoy - Director for Building Change Limited, UK

Frank is an experienced and successful commercial project leader and board-level adviser whose track record includes programme management, commercial advice, project oversight business development, corporate recovery and project director roles. His experience covers a number of sectors including, retail, waste, commercial office, residential, education, mobile telecoms, property development, sports, central government and water treatment. He is a Quantity Surveyor by background and holds an MBA from Strathclyde.

His key strength is around building teams of advisers and partners to create entrepreneurial solutions to complex challenges that work and which clients can buy into.



Cedi Frederick - Managing Director for Article Consulting Ltd

Cedi Frederick is owner and Managing Director of Article Consulting Ltd and CEO of La Nova Group. Article works with and supports health and social care organisations and leaders and La Nova Group provides specialised, person-centred experiences and programmes that are tailored to meet client need.

In a 40 year career in the public, Not-for-Profit and private sector, Cedi has held a series of senior positions in the housing association and local authority sectors, including four years as Managing Director of a BME Housing Association, twelve years as Chief Executive of a multi-regional charity that supported people with learning disabilities, autism and mental health problems. This experience was followed by over five years as Chief Executive of a charity that cared for and supported over 3000 people a year through its older people, children, young people and families services and employed nearly 2500 staff.

Cedi has over 25 years' experience as a member of the Boards of several housing related national governing bodies, housing associations, charities and voluntary organisations. This experience includes over 9 years as Non-Executive Director of a specialist mental health Partnership NHS Foundation Trust and 8 years as a Governor of a University. Cedi is currently a Non-Executive Director of Barnet, Enfield and Haringey Mental Health NHS Trust and IWE (Enfield), a Local Authority Trading Company as well as holding a number of voluntary roles.

A former England men's international basketball player and coach, Cedi has been named on four separate occasions as one of Britain's 100 Most Influential Black People; described as '... an unsung hero of the Third Sector, who has changed as many lives in his life outside of work as he has in his job'. In 2015, Cedi was recognised as one of the '1,000 Black & Asian Heroes 1950-2010 by Our Heritage TV

Cedi is married to Sue, and they have two sons and three grandchildren.



Ruchi Singh - Director of Kaleidoscope Transformation

Ruchi Singh is Director of Kaleidoscope Transformation; a boutique consultancy specialising in social transformation strategy. She has advised and delivered radical transformation strategies for clients as diverse as MoJ, MoD, HMT, HS2, FCA and MHCLG Post Grenfell Building Safety Programme to name but a few. She is currently leading on the mobilisation of the Mayor of London's Violence Reduction unit.

After a career in management consultancy working for companies such as Ernst & Young, PwC and IBM, Ruchi joined HM Treasury in 2005. There she supported delivery of the Treasury efficiency reviews on the Departments of Health, Justice and HMRC. In 2008 Ruchi joined the National Offender Management Service (NOMS) where she led on efficiency and transformation initiatives including negotiations with police constabularies and the MoD (Ministry of Defence) on to establish contingency mechanisms in times of crisis and the reconfiguration of the prison estate to improve outcomes for offenders while maintaining value for money.

She has also worked closely with the NHS and Public Health England co-commissioning bodies to develop mutually beneficial commissioning strategies.



Lizzie Peters - Collaboration Lead for MOPAC, UK

Lizzie is an experienced project and programme manager and consultant with a particular interest and track record in leading the delivery of collaborative projects to deliver social benefits. Lizzie has worked predominantly to deliver change in the policing and criminal justice field, working with central and local government, the Metropolitan Police and currently the London Mayor's Office for Policing and Crime (

MOPAC). Recent programmes have included successful national collaborations between practitioners, government, professional bodies and academics to support the professionalisation of policing. Lizzie also advises third sector organisations on project management.

Megaprojects Zone @ Woolwich Suite

P1: Supporting organisational change through successful development and integration of Controls and PMO functions

Wood's presentation provides a perspective on the deployment and integration of Controls and PMO functions within existing organisations. An assessment of their success factors, initial mobilization, transition to BAU and the subsequent continuous improvement cycle. We focus on the human elements of team resource and the ongoing effort to sustain the function, achieve its business case and demonstrate continuing benefit to the host business.



Christine McLean - Head of Profession Project Control-Nuclear at Wood Group, UK

Christine is the Head of Profession for Project Controls in Nuclear. She has spent over 17 years in the Project Controls arena covering both cost and planning execution (the last twelve years being employed by Wood). She has worked in Utilities, Oil & Gas and Nuclear. She is a Fellow of the ACostE and elected member of their Council. She currently leads a Project Controls team of over 80 individuals working in various locations throughout the UK, which she has built over the last two years. She has excellent

commercial, financial and business acumen. She was appointed in 2017 by IFA (Institute for Apprenticeships) as a route panel member for Business and Administration as an industry expert.

She is experienced in bidding and in project execution for FEED, EPC and PMC contracts of major refining, petrochemicals, LNG and nuclear projects, which are often multi-country/entity and multi-currency, varying in size from multi-billions to less than one hundred thousand pounds. She has held senior roles in both Cost and Planning on mega EPC projects.

She is an ECITB accredited trainer and is registered as an Assessor for the ECITB. She has written both Cost and Planning modules for the ECITB to be used by other companies for training which covered EVM, CBS, WBS, progress measurement, change control, risk management (cost and schedule), trending and forecasting outcomes, contingencies and sensitivity analysis, cash flow, setting budgets and baselines, resource management. She has written, implemented and delivered both Cost, Planning and Commercial Training both internal and to Clients in Commercial Awareness, Cost Control, Change Control, Value Engineering and Risk Awareness.



Richard Dealhoy - Project Controls Director – Programme & Project Solutions for Wood Plc, UK

Richard is a Director level Programme Manager, specialising in PMO, controls and governance of major projects, programmes and portfolios. He is the Head of Project Controls and a Technical Director within Wood's environment and infrastructure solutions business. In addition to this leadership role he specialises in the development of new PMO / controls functions, and management of the associated business change, reinvigorating failing examples or leading PMO's on major deliveries / portfolios as required.

His experience consists of both consultancy and active delivery in senior management roles PMO's for both change and BAU initiatives, Richard has international experience across multiple industries, including construction, infrastructure, airports, utilities, pharmaceuticals and banking. This includes large capex portfolios of £100m+ per year and single delivery programmes of £3.5bn value.

His background in major programmes includes

- * PMO to deliver the £1.3bn Prison Estates transformation programme, for the Ministry of Justice
- * Investment strategy PMO for a water company CAPEX Portfolio (£500m)
- * 2 x infrastructure UK top 40 highways projects for HE (£1.5bn and £3 - £5bn)
- * Global portfolio office for GlaxoSmithKline,

P2 : International Airports: Avoiding and Mitigating Delays

This presentation explores some of the common causes of delay on major (£1bn+) international airport projects, and measures to help avoid or mitigate delays as projects progress. We will draw on our experience as both project controls consultant and forensic delay experts to identify the primary reasons for delay affecting major international airports. We then explain how these delays might have been avoided through strengthened governance, improved contract structures, continual programme coordination and enhanced autonomy for the principal contractor. This presentation will have value to government agencies, consultants and contractors tasked with delivering with major critical national infrastructure projects.



Alan Whaley - Director - Forensic Delay Analysis for Arcadis, London, UK

Alan is a Chartered Construction Manager, Chartered Quantity Surveyor, RICS Accredited Expert Witness and Director within Arcadis' forensic delay team. He has over 17 years of experience working at all levels of the construction industry. Prior to joining Arcadis, Alan held senior professional roles in major building and infrastructure projects, including quantity surveyor, planning/programming consultant, contracts administrator and claims manager. He commenced his career on site working as a carpenter.

P3 : A Baseline to Drive A Vision

Hs2 has a vision to deliver a High Speed Rail for Great Britain which is a catalyst for growth, increasing capacity, connectivity, Value for money and wider benefits. To execute our vision Hs2 has adopted frequent and early baseline development to realize our vision.



Patricia Manton-Hall - Director of Project Controls Phase 2 for HS2, London, UK

Patricia joins us from Australia where she worked for 10 years holding a variety of executive roles in Programme Controls, latterly with United Group Ltd (UGL), which was one of Australia's largest construction companies. She has over 25 years major project and programme management experience globally, including over 18 years in senior roles with engineering leader, Bechtel.

Patricia is a Six Sigma practitioner, speaker and panellist. Her senior level key skills cover project controls, risk management, claims management, quality control and assurance, oversight and governance, program and portfolio, and project management of large and complex programmes and projects.

Patricia loves to spend time with her husband David and their eight year old son, Henry; cooking, travelling, and enjoying the company of friends and family.



Gordon Alexander - Director of PMO for HS2, London, United Kingdom

Gordon is PMO Director for High Speed Two, a new high speed railway to better connect people across Britain

With over 15 years' experience building and managing successful programme environments, Gordon began his career in the defence sector followed by the opportunity to join and then lead the Programme Assurance Office for London 2012's Olympic Delivery Authority. Gordon spent 3 and a half years as a consultant supporting major infrastructure programmes for Highways England, Sellafield Limited and London Underground before joining HS2 Ltd in 2017

P4: The Challenges of establishing a PMO for Highways England's Regional Investment Programme

The Road Investment Strategy published in December 2014 announced over 100 schemes worth £15Bn. Highways England was set up in 2015 as an arms length government owned company to operate, maintain and improve the Strategic Road Network. We are investing as much now, in real terms, as we did during the motorway building programme in the 1960's and 70's . The Regional Investment Programme and is responsible for a portfolio of Projects to provide Junction improvements, bypasses and road widening on the Strategic Road network. Projects range in value from £25m to £1Bn" Typically £50- 250m. The Programme is a national programme but it consists of 6 regional teams each Lead by a Regional Delivery Director effectively sub programmes. Our regions are YNE, NW, M, SW E & SE. Across the country we are currently delivering 75 projects with a total value of around £8.5bn The presentation will provide some background on Highways England and focus on the challenges faced in setting up a PMO for the Regional Investment Programme. Focusing on building the team, the importance of good communication, establishing a culture of ownership in project managers and leaders, remaining agile and making quick decision, establishing valued service and reinforcing the importance of a single source of the truth, good governance, systems and processes. The presentation although focused on a programme level PMO will provide parallels for Mega Projects around building a team, driving ownership in project management teams, establishing a valued service and the relationship between project, programme and portfolio.



Stewart Jones - PMO Director - Regional Investment Programme for Highways England, UK

Stewart Jones is an experienced Senior Leader with over 30 years experience of working on major regulated capital programmes. Currently Stewart is the PMO Director for Highways England's Regional Investment Programme, a £7bn programme of over 70 road widening, bypass and junction improvement schemes across England. Previously he was Project Controls Director for Mace on the Silos Direct Encapsulation Project. He spent 23 years working at United Utilities in various Project Management and Programme Management roles and was Head of the PMO between 2011 and 2015. A key focus of his leadership is establishing strong teams and developing people. In leading Project Control and PMO teams he makes it a priority to ensure they are seen as value adding teams, providing active assurance and advice and enabling early management intervention, not simply a reporting function.

P5 : Facilitating the Dutch energy transition through a controlled program approach

As the National Dutch / German Transmission System (Grid) Operator, Tennet is currently developing a EUR 4bn+ program with 6 standard offshore platforms and grid connections, to connect offshore windfarms to the Dutch grid.

This presentation will show how Tennet controlled its stakeholders to get this job done. The presentation moves up to Tennet's aim to develop integrated energy solutions in the North Sea, and which challenges are faced. The presentation will start showing the current project execution (Borssele alpha and beta -connecting 1400MW), and how Tennet controls their project goals (scope / standardization, budget, schedule, quality) in a bigger 10 year program.

Later, the presentation will move on to the mid-term program (explaining the choice of building an island in sea or a platform to connect windfarms) and ultimately present the North Sea Wind Power Hub – a joint venture driven by Tennet to create an artificial island connecting windfarms and grids from several countries - playing a central role in energy distribution for the future, where we can 'onshore' connect several GW's of wind power, an interconnector with UK and analyse possibility to use energy offshore on the island to produce liquefied green gas, and transport them to shore via existing gas pipes.

This is an unprecedented program, in terms of risks, technical challenges, stakeholders and financial impact.



Roel Cornelisse - Financial Project Lead for TenneT, Nijmegen Area, Netherlands

As Commercial Project Lead for the Dutch Transmission System Operator, Roel Cornelisse is responsible for the overall success of the first Dutch offshore wind connections in the Dutch national EUR 4 billion program for the offshore wind energy transition. Using experiences from former projects of connecting 700MW of offshore power to the German grid and building several onshore grid connections, he used

his extensive interest for project controls during his career in the energy industry. He has 15 years of experience working in mega projects environments.

P6: PMO as a vehicle for strategic outcomes

Not one Programme Management Office (PMO) is ever the same as the last. The development of a PMO affords an organisation an opportunity to root strategic goals and critical business targets into the fabric of an organisation, hardwiring business level outcomes into the structure, ways of working and day to day business of an organisation.

Developing a transformational PMO solution is not simple, but it doesn't need to be difficult. It requires commitment from the whole business, a careful understanding of why the business exists, what value it intends to bring and how that value proposition manifests in practical capital delivery. With these considerations in hand, we can create the critical component of a successful capital delivery organisation.

This presentation will provide insights on how you can set-up the PMO as a vehicle for achieving strategic outcomes in your organisation.



Chris Anstead - Director - Programme Advisory Lead UK for Turner & Townsend, UK

Chris Anstead is Turner & Townsend's Programme Advisory lead in the UK, and is responsible for the all products Turner & Townsend bring to the Infra-structure sector. Chris has worked for Turner & Townsend now for 12 years, initially as a PMO and Controls subject matter expert. Chris has an overall 20 plus years background in Natural Resources, Real Estate and Infrastructure sectors, having worked extensively in Europe and Australia

P7: Advanced Data Analytics for MegaProjects

In a recent webinar Gartner reported that 'by 2030 80% of the work that represents the bulk of today's project management will be eliminated by the partnership between humans, smart machines and AI'. Martin will provide an overview of how advanced data analytics will reshape the delivery of mega projects and how we need to prepare. Its a future that will transform our profession forever.



Martin Paver - CEO for Projecting Success Ltd

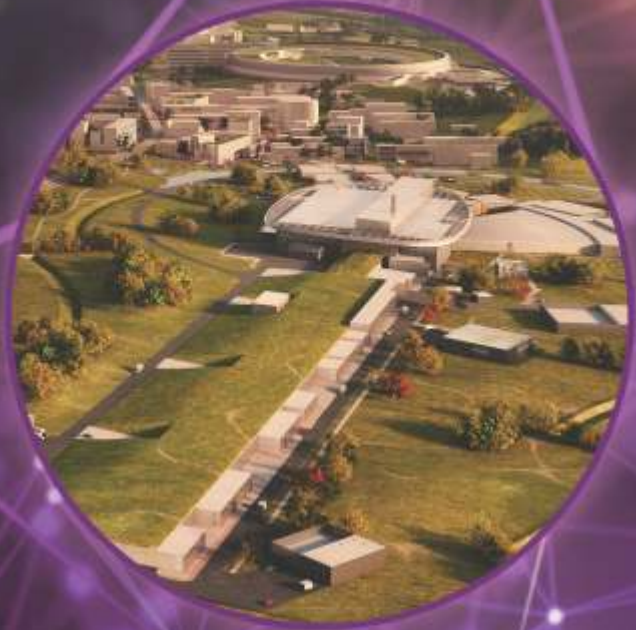
Martin Paver, Data Scientist, Registered Project Professional, Chartered Engineer, BEng, MBA, MAPM, MIMechE, is CEO of Projecting Success Ltd. and Founder of the London Project Data Analytics meetup. Martin is a Registered Project Professional with the APM and a Chartered Engineer with the IMechE. He is the CEO/Founder of a P3M and data science consultancy called Projecting Success who help project organisations to connect and understand their data for a more certain, evidence-driven project delivery

by analysing historical and real-time data to discover insights and make recommendations with improved confidence in outcomes. He has 30 years of delivery experience spanning senior strategic roles across government and the private sector, led projects of up to \$1bn, both client and supply side and he also led a PMO for a \$multi-billion portfolio of ICT projects. In late 2017 Martin established the London Project Data Analytics Meetup, the UK's largest community that combines the cutting edges of data science and project management ranging from hosting talks, delivering hackathons through to influencing future thinking on project data science. He is on a mission to leverage the benefits of advanced data science for the benefit of the project management profession, ensuring that we shape the direction of the industry and prepare us for a new future.



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About us



Project Controls Expo is organised by ProjectControlsOnline.com (PCO) also popularly referred to as "Global Home of Project Controls".

PCO is the largest Project Controls central repository and knowledge base with presence in all 7 continents and over 150 countries. We are first choice of all Project Controls stakeholders (providers and consumers) as a venue for informational exchange across all industries that apply Project Controls principles.

Visit PCO to explore its Premium features such as Video Training Modules and Premium Library along with many other services i.e., White Papers and Presentations, Glossary, Conference Presentations, Free Library, Paperback Literature, Practitioners Guide, Blogs, Tools and JobZone, for the benefit of Project Controls Community.

PCO is managed by a global network of Senior Project Controls professionals who come from a variety of different industries. PCO leadership consists of "Core Team" together with a "Board of Advisors" from around the world. Under this leadership team, PCO boasts an impressive band of subject experts whose expertise spans the full spectrum of Project Controls. We are independent and not biased towards any technology, process, software or company.

PCO is a non-profit organisation and the revenue generated from its features is invested into its maintenance and further enhancement. All the team members are volunteers and working towards achieving our following vision

- To be the first choice of all Project Controls stakeholders -- providers and consumers
- To promote an universal understanding of Project Controls value and processes
- To develop a central repository of data on Project Controls
- To generate awareness and offer expert guidance on Project Controls tools & practices.
- To build the first exclusive network of genuine Project Controls practitioners and their customers.

Hope you enjoy your meet at Expo and we always look forward to your suggestions to help us improve.

Thanks,

PCO & Expo Team



Project Controls

EXPO



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